

MATERIAL SAFETY DATA SHEET

SPOTCHECK® PENETRANT SKL-SP1

1. Company: MAGNAFLUX

Address: 3624 West Lake Avenue, Glenview, Illinois 60026

Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).

Product Use: Visible inspection penetrant.

Packages: 1 gallon and 5 gallon pails, 20 gallon drums, 55 gallon drums, Totes, aerosols, pens

NFPA Rating: Health 1, Flammability 1, (Aerosol Flammability 4), Reactivity 0

PIN (Canada): None

Revision date: May 1st, 2012

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	Wt./Wt.%	CAS#	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
		8042-47-5 or				
White mineral oil (petroleum)	60-80	64742-47-8	5 mg/m ³	5 mg/m ³	not avail.	not avail.
Phthalic Esters	5-25	71888-89-5	5mg/m ³	not avail.	not avail.	not avail.
Liquefied petroleum gasses						
(propellant, aerosol only)*	30	68476-86-8	not avail.	1000 ppm	not avail.	not avail.
*Aerosol Package Only						

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Bland, oily liquid which may irritate the skin and eyes. Bulk material is difficult to ignite, but will burn vigorously if engulfed in fire. Aerosol is extremely flammable.

POTENTIAL HEALTH EFFECTS, AND SIGNS AND SYMPTOMS OF EXPOSURE:

Skin contact: Can irritate by removing natural skin oils on long or repeated exposures.

Eyes: May irritate.

Inhalation: Not significant at room temperatures. When heated or sprayed, vapors may cause dizziness and nausea.

Ingestion: Not significant in small (mouthful) amounts.

Medical conditions known to be aggravated by exposure to product:

None

4. FIRST AID

Skin Contact: Wash off with soap and water. Use soothing lotion.

Eyes: Rinse carefully under upper and lower eyelids using plenty of water.

Inhalation: Remove to fresh air if dizzy or nauseated.

Ingestion: Do not induce vomiting. Accidental ingestion of a small mouthful is not expected to cause significant harm.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

5. FIRE HAZARD

Conditions of flammability: Aerosol: Spraying near an ignition source will ignite spray mist.

Bulk: None unless heated over 200°F (93°C) near ignition source.

Flash point (Bulk): Min. 200°F (93°C) (Pensky-Martens closed cup)

Flammable limits in air: 1% to 6%

Extinguishing media: Carbon dioxide, foam

Special fire fighting procedures: Keep containers cool with water spray. Do not spray water directly on burning SKL-SP1. It may float and

spread the fire.

Hazardous combustion products: Smoke, soot, oxides of carbon and nitrogen.

Unusual fire hazards: Aerosol cans may burst at temperatures over 130°F (54°C) and spray contents into a fire.

6. ACCIDENTAL RELEASE MEASURES

Mop up or sweep up with absorbent. (For disposal, see Section 13.)

7. HANDLING AND STORAGE

Store away from heat source. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist. Do not spray around arcs or flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: None, unless sprayed. Use where ventilation will carry spray mist away from occupied areas.

Personal protection: Wear safety glasses to protect eyes. Wear nitrile rubber gloves if hand exposure is unavoidable. Respirator with filter

if sprayed in enclosed unventilated space.



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9. PHYSICAL PROPERTIES

Initial boiling point (bulk) Min. 455°F (230°C) (ASTM D-86)

Vapor pressure: Aerosol: 60 psi @ 75°F (24°C)Bulk: <0.10 mm @ 70°F (21°C)

Percent volatile:None (30% in aerosol)Vapor density: Heavier than airDensity/sp. gravity:0.89Evaporation rate: NegligibleWater solubility:0Appearance: Dark red oily liquid

pH: Neutral Odor: Mild oily odor

10. STABILITY AND REACTIVITY

Stability: Stable Incompatibility: None

Hazardous decomposition products: Soot, oxides of carbon and nitrogen when burning

Reactivity: None

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.

Threshold limited value: 5 mg/m³ for oily mist.

WHMIS information (Canada): No human information is available for teratogenicity, reproductive toxicity,

and mutagenicity. No reports of toxicological synerism were located. The

ingredients have not been found to show skin sensitization.

None

12. **ECOLOGICAL INFORMATION**

No data is available on SKL-SP1. It floats on water and can be skimmed off. Its low vapor pressure may exempt it from VOC restrictions. The hydrocarbon propellant is not an ozone depleter.

13. DISPOSAL

As a non-hazardous oil waste, incinerate or send to waste handler who can blend it into secondary fuels. Empty aerosol cans before disposal.

14. TRANSPORTATION

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

<u>1 gal, 5 gal</u> <u>20 gal, 55 gal. & Totes</u>

Aerosol

Proper shipping name:

None, not restricted

None, not restricted

Consumer commodity

Hazard class or division: None None

ORM-D

Identification No.: None None None

Packing Group: None None

None

IATA: List of Dangerous Goods 1 gal, 5 gal Bulk

Aerosol

Proper shipping name: None, not restricted None, not restricted

Aerosols, flammable

Hazard class or division: None None

2.1 Identification No.: None

UN1950
Packing Group: None None

i ac

IMDG: General Index 1 gal, 5 gal Bulk

<u>Aerosol</u>

Proper shipping name: None, not restricted None, not restricted

AEROSOLS

Hazard class or division: None None

2.1

Identification No.: None None

UN1950

Packing Group: None None

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15. **REGULATORY INFORMATION**

TSCA: CERCLA: All ingredients are listed in TSCA inventory

Not reportable.

No reportable ingredients. SARA TITLE III, Section 313:

WHMIS Class (Canada): Bulk: D-2A Aerosol: A, B-5, D-2A

Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16

headings.

OTHER INFORMATION

Revision Statement: Sections: 1, 2 Supersedes: 8/15/03

Prepared by: Shawn Kilty, Research Chemist





Issuing Date 13-Sept-2013 Revision Date 22-Oct-2014 Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name SCRUBS® In-A-Bucket

Other means of identification

Product Code(s) 42201, 42210, 42225, 42230, 42256, 42272

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Heavy Duty Hand Cleaner

Uses advised against

None reasonably foreseeable

Supplier's details

Supplier Address ITW Pro Brands 805 E. Old 56 Highway Olathe, KS 66061

TEL: 1-800-443-9536

Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word None

The product contains no substances which at their given concentration are considered to be hazardous to health

Appearance Colorless-blue/white Physical State Liquid. Odor Citrus

Precautionary Statements

Prevention

None

General Advice

None

Storage

None

Disposal

None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Toxic to aquatic life. Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Alcohols, C12-15, ethoxylated	68131-39-5	1-5	*
Isoparaffinic Hydrocarbon	64742-47-8	1-5	*
Dimethyl adipate	627-93-0	1-5	*
Diethylhexyl sodium sulfosuccinate	577-11-7	1-5	*
D-Limonene	5989-27-5	1-5	*

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a

physician.

Skin ContactNone normally required. Material is designed for skin cleansing. Get medical attention if

irritation develops and/or persists.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Ingestion Not an expected route of exposure. If large quantities of this material are swallowed, call a

physician immediately.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects Not expected to give rise to an acute hazard under normal condition of use.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO 2). Foam. Water spray or fog.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

None in particular

Hazardous Combustion Products Carbon dioxide (CO₂). Carbon monoxide. Hydrocarbons. Hydrogen sulfide. Sulfur dioxide.

Soot.

Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

Use water spray to cool surrounding containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment.

Environmental Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the

environment. See Section 12 for additional Ecological Information Dispose of

contents/container to an approved waste disposal plant.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Small spillage: Wipe up with absorbent material (e.g. cloth, fleece). Large spillage: Use a

non-combustible material like vermiculite, sand or earth to soak up the product and place

into a container for later disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Avoid contact with eyes. Do not smoke. Handle in accordance with good industrial hygiene

and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep container closed when not in use. Keep container tightly closed in a dry and

well-ventilated place. Keep away from heat and sources of ignition. Do not contaminate

food or feed stuffs. Keep out of the reach of children.

Incompatible Products Strong oxidizing agents. Strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits

established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face ProtectionNo special protective equipment required. **Skin and Body Protection**No special protective equipment required.

Respiratory ProtectionNone required under normal usage. If exposure limits are exceeded or irritation is

experienced, NIOSH/MSHA approved respiratory protection should be worn.

None known

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical StateLiquidAppearanceColorless-blue/whiteOdorCitrusOdor ThresholdNo information available

Property Values Remarks/ - Method

None known pН 6 Melting Point/Range No data available None known **Boiling Point/Boiling Range** 212 °F None known **Flash Point** No data available None known **Evaporation rate** No data available None known Flammability (solid, gas) No data available None known

Flammability Limits in Air

upper flammability limitNo data availablelower flammability limitNo data availableVapor PressureNo data availableVapor Density>1

Vapor Density>1None knownRelative DensityNo data availableNone knownSpecific Gravity0.995None known

Water Solubility Miscible with water None known Solubility in other solvents No data available None known Partition coefficient: n-octanol/waterNo data available None known **Autoignition Temperature** No data available None known **Decomposition Temperature** No data available None known No data available **Viscosity** None known

Flammable Properties Not flammable

Explosive PropertiesNo data available **Oxidizing Properties**No data available

Other information

VOC Content (%) 0%

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible products.

Incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition products

Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrocarbons. Hydrogen sulfide. Sulfur dioxide. Soot.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

InhalationNot an expected route of exposureEye ContactContact with eyes may cause irritation.

Skin ContactMay cause mild skin irritation.IngestionNot an expected route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredients above reportable quantities listed as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
D-Limonene		Group 3	-	-

IARC: (International Agency for Research on Cancer)
Group 3: Not Classifiable as to its Carcinogenicity to Humans

Reproductive ToxicityThis product does not contain any known or suspected reproductive hazards.

STOT - single exposure None of the ingredients are known to cause specific target organ effects from a single

exposure.

STOT - repeated exposure None of the ingredients are known to cause specific target organ effects through prolonged

or repeated exposure.

Aspiration Hazard None of the ingredients are known to be an aspiration hazard.

Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral42888mg/kg; Acute toxicity estimateLD50 Dermal329859mg/kg; Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna (Water
			Microorganisms	Flea)

Formula Form					
Diethylhexyl sodium C50 96 h: = 2.2 myl. static (Lepomis macrochirus) LC50 96 h: = 2.4 myl. static (Oncorhynchus mykiss) C50 96 h: = 2.4 myl. static (Oncorhynchus mykiss) C50 96 h: 0.21 40 myl. C50 96 h: 2.4 myl. static (Donothynchus mykiss) C50 96 h: 0.21 40 myl. C50 96 h: 2.21 40 myl. C50 96 h: 2.20 40 myl. C50 96 h: 2.20 40 myl. C50 96 h: 36 my	Isoparaffinic Hydrocarbon		LC50 96 h: = 45 mg/L		LC50 96 h: = 4720 mg/L
Diethylhexyl sodium C50 96 h: = 2.2 myl. static (Lepomis macrochirus) LC50 96 h: = 2.4 myl. static (Oncorhynchus mykiss) C50 96 h: = 2.4 myl. static (Oncorhynchus mykiss) C50 96 h: 0.21 40 myl. C50 96 h: 2.4 myl. static (Donothynchus mykiss) C50 96 h: 0.21 40 myl. C50 96 h: 2.21 40 myl. C50 96 h: 2.20 40 myl. C50 96 h: 2.20 40 myl. C50 96 h: 36 my					(Den-dronereides
Marching Marching					heteropoda)
Diethylhexyl sodium LGS0 96 h: 2 / 4 mg/L static (Oncorhynchus mykiss) LGS0 96 h: 20 40 mg/L semi-static (Oncorhynchus mykiss) LGS0 96 h: 20 40 mg/L semi-static (Oncorhynchus mykiss) LGS0 96 h: 2 / 4 mg/L static (Oncorhynchus mykiss) LGS0 96 h: 2 / 4 mg/L static (Oncorhynchus mykiss) LGS0 96 h: 3 / 3 mg/L static (Dopomis macrochirus) LGS0 96 h: 9 / 3 / 3 mg/L static (Dopomis macrochirus) LGS0 96 h: 9 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /					, , , , , , , ,
2.4 mg/L static Concordynchus mykiss C50 96 h: 20 - 40 mg/L C50 96 h: 20 - 40 mg/L C50 96 h: 20 - 40 mg/L C50 96 h: 24 mg/L static (Concordynchus mykiss) LC50 96 h: 27 mg/L static (Concordynchus mykiss) LC50 96 h: 27 mg/L static (Concordynchus mykiss) LC50 96 h: 28 mg/L (Concordynchus mykiss) LC50 96 h: 27 mg/L (Concordynchus mykiss) LC50 96 h: 21 mg/L (Concordynchus mykis					
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LC50 96 h: 20 - 40 mg/L Semi-state (Prochrynchus mykiss) LC50 96 h: 24 mg/L state (Prochrynchus mykiss) LC50 96 h: 24 mg/L state (Prochrynchus mykiss) LC50 96 h: 26 mg/L (Daphnia magna)					
Semi-static (Oncorrhynchus mykiss) LC50 96 h: 24 mg/L static (Lepomis magna) Semi-static (Oncorrhynchus mykiss) LC50 96 h: 26 mg/L flow-through (Pimephales promelas) LC50 96 h: 27 mg/L static (Pimephales promelas) LC50 96 h: 27 mg/L static (Pimephales promelas) LC50 96 h: 27 mg/L static (Pimephales promelas) LC50 96 h: 26 mg/L (Daphnia magna) (Daphnia magna) LC50 96 h: 26 mg/L (Daphnia magna) (Daphnia magna) LC50 96 h: 26 mg/L (Daphnia magna) (Da	51.11.11.11				5050 (01 00 "
Transport					
D-Limonene					(Daphnia magna)
D-Limonene F989-27-5 D-Limonene E050 96 h: = 6169 - 0,796 mg/L static (Lepomis macrochirus) LC50 96 h: = 258 mg/L C0.0619 - 0,796 mg/L flow-through (Pimephales promelas) LC50 96 h: = 35 mg/L C0.0000000000000000000000000000000000	577-11-7		mykiss) LC50 96 h: < 24		
D-Limonene 5989-27-5			mg/L static (Oncorhynchus		
D-Limonene 5989-27-5			mykiss) LC50 96 h: = 37		
D-Limonene C5989-27-5 C5996 h: 0.619 - 0.796 mg/L flow-through (Pimephales promelas) LC50 Ge h: = 35 mg/L (Oncorhynchus mykiss) C5096 h: = 7100 mg/L (Daphnia magna) C5096 h: = 7100 mg/L (Daphnia magna) C5096 h: = 36 mg/L (Daphnia magna) C50972 h: > 1000 mg/L (Desmodesmus subspicatus) C5996 h: = 8400 mg/L (Daphnia magna) C5996 h: = 8400 mg/L (Daphn					
D-Limonene S989-27-5					
Dimethyl glutarate	Dlimonono				
Propylene glycol Propylene glycol February Propylene glycol S7-55-6 Propylene glycol S6-81-5 S6-81-5					
Se h: = 35 mg/L (Oncorhynchus mykiss) C50 98 h: 19.6-26.2 mg/L static (Pimephales promelas) EC50 48 h: 122.1 - 163.5 mg/L (Daphnia magna)	5989-27-5				
Cincorhynchus mykiss Cincorhynchus mykis Cincorhynchus mykis Cincorhynchus mykis Cincorh					
Dimethyl glutarate					
1119-40-0					
1119-40-0	Dimethyl alutarate		LC50 96 h: 19.6-26.2 mg/L		EC50 48 h: 122.1 - 163.5
1.3-Propanediol, 2,2-dimethyl- 126-30-7 EC50 72 h: > 1000 mg/L Semi-static (Oryzias latipes) EC50 24 h: > 1000 mg/L Semi-static (Oryzias latipes) EC50 24 h: > 1000 mg/L (Daphnia magna)					
Company Comp					
Subcapitata EC50 72 h: > 500 mg/L (Desmodesmus subspicatus) LC50 96 h: = 8400 mg/L (Desmodesmus subspicatus) LC50 96 h: = 8400 mg/L (Daphnia magna) LC50 96 h: = 337 - 352 mg/L (Daphnia magna) LC50 96 h: = 337 - 352 mg/L (Daphnia magna) LC50 96 h: = 336 mg/L static (Pimephales promelas) LC50 96 h: = 366 mg/L static (Pimephales promelas) LC50 96 h: = 366 mg/L static (Pimephales promelas) LC50 96 h: = 51600 mg/L Static (Pimephales promelas) LC50 96 h: = 51600 mg/L Static (Oncorhynchus mykiss) LC50 96 h: = 710 mg/L (Daphnia magna) LC50 96 h: = 710 mg/L (Daphnia magna) LC50 96 h: = 310 mg/L (Daphnia magna) LC50 96 h: = 51400 mg/L Static (Pimephales promelas) LC50 96 h: = 51400 mg/L Static (Pimephales promelas) LC50 96 h: = 51400 mg/L (Daphnia magna) LC50 96 h: = 710 mg/L (Daphnia magna) LC50 96 h: = 710 mg/L (Daphnia magna) LC50 96 h: = 710 mg/L (Daphnia magna) LC50 96 h: = 0.049-0.079 mg/L (Daphnia magna) LC50 96 h: 0.049-0.079 mg/L (Daphnia mykiss) LC50 96 h: 0.049-0.079 mg/L (Daphnia mykiss) LC50 96 h: 0.059-0.089 mg/L (Dnocrhynchus mykiss) LC50 96 h: 0.059-0.089 mg/L LC50 96 h: 0.059-0.089 mg/L					
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Clesmodesmus subspicatus EC50 72 h: > 100 mg/L (Desmodesmus subspicatus) (Des	126-30-7				
Sopropyl myristate					
Sopropyl myristate		(Desmodesmus subspicatus)			
Company Comp			LC50 96 h: = 8400 mg/L	-	EC50 48 h; = 100 mg/L
C50 96 h: = 8400 mg/L semi-static (Brachydanio rerio)					
Semi-static (Brachydanio rerio) Semi-static (Brachydanio rerio)	110270	(Docinioacciniac casopicatae)			(Bapililla Magila)
Company to the comp					
C50 72 h: > 500 mg/L C50 96 h: 337 - 352 mg/L C50 = 32.4 mg/L 5 min EC50 48 h: > 500 mg/L C50 96 h: 337 - 352 mg/L EC50 = 32.4 mg/L 5 min EC50 48 h: > 500 mg/L C50 96 h: = 366 mg/L static (Pimephales promelas) LC50 96 h: = 20 - 460 mg/L static (Leuciscus idus) EC50 = 880 mg/L 17 h C9 = 880 mg/L 17 h C					
122-99-6					
Propylene glycol EC50 96 h: = 19000 mg/L CS0 96 h: = 51600 mg/L Static (Deuciscus idus) EC50 96 h: = 19000 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: = 51600 mg/L Static (Oncorhynchus mykiss) LC50 96 h: = 51400 mg/L Static (Oncorhynchus mykiss) LC50 96 h: = 51400 mg/L Static (Deuciscus idus) EC50 = 710 mg/L 30 min EC50 24 h: > 10000 mg/L Static (Daphnia magna) EC50 48 h: > 1000 mg/L Static (Daphnia magna) EC50 48 h: > 1000					EC50 48 h: > 500 mg/L
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Mg/L static (Pimephales promelas) LC50 96 h: 220 - 460 mg/L static (Leuciscus idus) EC50 96 h: = 19000 mg/L (Pseudokirchneriella subcapitata) LC50 96 h: = 51600 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 41 - 47 mL/L static (Oncorhynchus mykiss) LC50 96 h: = 51400 mg/L static (Pimephales promelas) LC50 96 h: = 51400 mg/L static (Pimephales promelas) LC50 96 h: = 710 mg/L (Pimephales promelas) EC50 24 h: > 10000 mg/L static (Daphnia magna)			promelas) LC50 96 h: = 366		, , , , , , , , , , , , , , , , , , , ,
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mykiss) ´					
LCEO 06 h. 0.44 0.20			mykiss)		
			LC50 96 h: 0.14-0.32 mg/L		
flow-through (Lepomis					
macrochirus)					
EGOU 45 III. U. 10-U.20 III UL			1 C50 06 h. 0 10 0 22 ~~//		
			LC50 96 h: 0.18-0.23 mg/L		
promelas)			flow-through (Pimephales		

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
D-Limonene	Toxic

14. TRANSPORT INFORMATION

DOT

Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory. All components of this product are either listed or are exempt on the TSCA inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION						
NFPA	Health Hazard	1	Flammability	0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazard	1	Flammability	0	Physical Hazard 0	Personal Protection X

^{*}Indicates a chronic health hazard.

Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110 1-800-572-6501

Issuing Date13-Sep-2013Revision Date13-Sep-2013Revision NoteInitial Release.

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet



Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: SKD-S2 Aerosol
Product Code: Not available.

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Use: Non-Destructive Testing.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Name/Address: Magnaflux

155 Harlem Avenue, Glenview, Illinois

60025

Telephone Number: 847-657-5300

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: CHEMTREC 800-424-9300

Date of Preparation: November 25, 2013 Version #: 1.1

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL ACCORDING TO OSHA HAZCOM 2012

Hazard class

Flammable Aerosol 1

Gases Under Pressure - Compressed Gas

Eye irritation 2A

Specific target organ toxicity - Single exposure 3 Specific target organ toxicity - Repeated exposure 1

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012

Hazard Pictogram:









Signal Word: Danger

Hazard Statement: Extremely flammable aerosol. Contains gas under pressure; may

explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. Causes damage to lungs through

prolonged or repeated exposure.

Prevention: Keep away from heat/sparks/open flames/hot surfaces. -No

smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash

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hands thoroughly after handling. Wear eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not

breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or

smoke when using this product.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a

poison center/doctor if you feel unwell.

Storage: Protect from sunlight. Do not expose to temperatures exceeding

50 °C/122 °F. Store in a well-ventilated place. Store locked up.

Disposal: Dispose of contents and container in accordance with all local,

regional, national and international regulations.

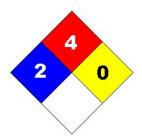
2.3 ADDITIONAL INFORMATION

Hazards not otherwise classified: Not applicable.

2 % of the mixture consists of ingredient(s) of unknown acute toxicity.

This product is a hazardous chemical as defined by NOM-018-STPS-2000.

Mexico Classification:



Blue = Health Red = Flammability Yellow = Reactivity White = Special

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classification(s):

Class A - Compressed Gas Class B5 - Flammable Aerosol Class D2A - Chronic Toxic Effects

Class D2B - Eye Irritant

WHMIS Hazard Symbols:







WHMIS Signal Word:

DANGER

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

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Trade Name: SKD-S2 Aerosol

Conforms to OSA HazCom 2012, CPR & NOM-018-STPS-2000 Standards



Ingredient	UN#	H/F/R/*	CAS No	Wt. %
Isopropanol	UN1219	1/3/0	67-63-0	30 - 49
Petroleum gases, liquefied, sweetened	UN1075	Not available.	68476-86-8	15 - 40
Acetone	UN1090	1/3/0	67-64-1	10 - 30
Ceramic materials and wares, chemicals	Not available.	Not available.	66402-68-4	3 - 7
Talc	Not available.	Not available.	14807-96-6	1 - 5
Silica, crystalline, quartz	Not available.	Not available.	14808-60-7	< 0.1

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Section 4: FIRST- AID MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURE

Eye: In case of contact, immediately flush eyes with plenty of water for at

least 15 minutes, including under lids. If easy to do, remove contact

lenses, if worn. Get medical attention immediately.

Skin: In case of contact, immediately flush skin with plenty of water. Call a

physician if irritation develops and persists.

Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position

comfortable for breathing. Get medical advice/attention if you feel unwell.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by

medical personnel. Never give anything by mouth to an unconscious

person. Get immediate medical advice/attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye: Causes serious eye irritation. Symptoms may include discomfort or

pain, excess blinking and tear production, with marked redness and

swelling of the conjunctiva.

Skin: May cause skin irritation. Symptoms may include redness, drying,

defatting and cracking of the skin.

Inhalation: May cause respiratory tract irritation. May cause drowsiness or dizziness.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea

or vomiting.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

Note to Physicians: Symptoms may not appear immediately.

Specific Treatments: In case of accident or if you feel unwell, seek medical advice

immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

^{*} Per NOM-018-STPS-2000



Flammability: Flammable by WHMIS/OSHA/NOM-018-STPS-2000 criteria.

5.2 EXTINGUISHING MEDIA

Suitable Extinguishing Media: Water, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

5.3 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available. Sensitivity to Static Discharge: Not available.

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite),

then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up: Scoop up material and place in a disposal container. Provide ventilation.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Keep away from sources of ignition. - No smoking. Do not spray on

an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Container may explode if heated. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Do not swallow. Use only outdoors or in a well-ventilated area. When using do not eat, drink or smoke. Use non-

sparking tools. (See section 8)

General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before

eating, drinking, or smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Store locked up. Protect from

sunlight. Do not store at temperatures above 50 °C / 122 °F. Store in

a well-ventilated place. (See section 10)

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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8.1 CONTROL PARAMETERS

Exposure Guidelines

Occupational Exposure Limits				
Ingredient	OSHA-PEL	ACGIH-TLV		
Isopropanol	400 ppm	200 ppm		
Petroleum gases, liquefied, sweetened	1000 ppm	1000 ppm		
Acetone	1000 ppm TWA; 2400 mg/m ³ TWA	500 ppm		
Ceramic materials and wares, chemicals	5 mg/m ³	Not available.		
Talc	20 mppcf	2 mg/m ³ (resp)		
	((10 mg/m ³)/(%SiO ₂ +2) TWA (resp))			
	((10 mg/m ³)/(%SiO ₂ +2) TWA (resp)) ((30 mg/m ³)/(%SiO ₂ +2) TWA (total))			
Silica, crystalline, quartz	((250)/(%SiO ₂ +5) mppcf TWA (resp))	0.025 mg/m ³		

8.2 EXPOSURE CONTROLS

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust,

fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTIVE MEASURES

Personal Protective Equipment:

Eye/Face Protection: Safety glasses or goggles are recommended when using product.

Skin Protection:

Hand Protection: Chemical-resistant gloves.

Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the

selected respirator.

General Health and Safety

Measures:

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid.

Color: White.
Odor: Alcohol.

Odor Threshold: Not available.

Physical State: Gas/Pressurized Liquid.

pH: Neutral.

Melting Point/Freezing Point: Not available.

Initial Boiling Point and Boiling Range: ~ 55 °C (~ 132 °F)

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Flash Point:

Evaporation Rate:

Not applicable

0.4 (Ether = 1)

Flammability:

Flammable.

Lower Flammability/Explosive Limit: 2 % Upper Flammability/Explosive Limit: 15 %

Vapor Pressure: 65 psi @ 24 °C (75 °F)

Vapor Density: 3

Relative Density/Specific Gravity: 0.87

Solubility: Partial.

Partition coefficient: n-octanol/water:

Auto-ignition Temperature:

Not available.

Not available.

Not available.

Viscosity:

Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

Section 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No dangerous reaction known under conditions of normal use.

10.2 CHEMICAL STABILITY

Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not pierce or burn, even after use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reaction known under conditions of normal use.

10.4 CONDITIONS TO AVOID

Heat. Incompatible materials. Sources of ignition.

10.5 INCOMPATIBLE MATERIALS

Strong oxidizing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

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Trade Name: SKD-S2 Aerosol

Conforms to OSA HazCom 2012, CPR & NOM-018-STPS-2000 Standards



Eye: Causes serious eye irritation. Symptoms may include discomfort or pain,

excess blinking and tear production, with marked redness and swelling of

the conjunctiva.

Skin: May cause skin irritation. Symptoms may include redness, drying,

defatting and cracking of the skin.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or

vomiting.

Inhalation: May cause respiratory tract irritation. May cause drowsiness or dizziness.

Acute Toxicity:

Ingredient	IDLH	LC50	LD50
			0.751 4000 7/1-7- 754
			Oral 4396 mg/kg, rat
		Inhalation 72.6	Dermal 12800 mg/kg, rat
Isopropanol	2,000 ppm	mg/L 4h, rat	Dermal 12870 mg/kg, rabbit
Petroleum gases,		Inhalation 658	
liquefied, sweetened	Not available.	mg/L 4h, rat	Not available.
		Inhalation 50100	
Acetone	2,500 ppm	mg/m ³ 8h, rat	Oral 5800 mg/kg, rat
Ceramic materials			Oral > 2000 mg/kg, rat
and wares, chemicals	Not available.	Not available.	Dermal > 2500 mg/kg, rabbit
Talc	1,000 mg/m ³	Not available.	Not available.
	25 mg/m ³ (Cristobalite &		
Silica, crystalline,	Tridymite)		
quartz	50 mg/m ³ (Quartz & Tripoli)	Not available.	Oral 500 mg/kg, rat

Calculated overall Chemical Acute Toxicity Values				
LC50 (inhalation) LD50 (oral) LD50 (dermal)				
> 5 mg/l 4h rot	> 2000 mg/kg_rot	> 2000 ma/kg_rabbit		
> 5 mg/L 4h, rat	> 2000 mg/kg, rat	> 2000 mg/kg, rabbit		

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Isopropanol	G-A4, I-3
Petroleum gases, liquefied, sweetened	Not listed.
Acetone	G-A4
Ceramic materials and wares, chemicals	Not listed.
Talc	G-A4, I-3
Silica, crystalline, quartz	G-A2, I-1, N-1, O, CP65

^{*} See Section 15 for more information.

11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory Sensitization: Based on available data, the classification criteria are not met. **Skin Sensitization:** Based on available data, the classification criteria are not met.



STOT-Single Exposure: May cause drowsiness or dizziness.

Chronic Health Effects:

Carcinogenicity: Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity:

Developmental: Based on available data, the classification criteria are not met.

Teratogenicity: Based on available data, the classification criteria are not met. **Embryotoxicity:** Based on available data, the classification criteria are not met.

Fertility: Based on available data, the classification criteria are not met.

STOT-Repeated Exposure: Causes damage to lungs through prolonged or repeated exposure.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Toxicologically Synergistic

Materials:Not available.Other Information:Not available.

Section 12: ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

Acute/Chronic Toxicity: May cause long-term adverse effects in the aquatic environment.

12.2 PERSISTENCE AND DEGRADABILITY

Not available.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: Not available.

12.4 MOBILITY IN SOIL

Not available.

12.5 OTHER ADVERSE EFFECTS

Not available.

Section 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Disposal Method: This material must be disposed of in accordance with all

local, state, provincial, and federal regulations.

Other disposal recommendations: Not available.

Section 14: TRANSPORT INFORMATION

DOT Consumables, Limited Quantity

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IATA	UN 1950, Aerosols, Flammable, 2.1
IMDG	UN 1950, Aerosols, 2.1 (Limited Quantity)

Section 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Mexico: MSDS prepared pursuant to NOM-018-STPS-2000.

SARA Title III						
Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313		
Isopropanol	Not listed.	Not listed.	Not listed.	313		
Petroleum gases, liquefied,						
sweetened	Not listed.	Not listed.	Not listed.	Not listed.		
Acetone	Not listed.	Not listed.	5,000	Not listed.		
Ceramic materials and						
wares, chemicals	Not listed.	Not listed.	Not listed.	Not listed.		
Talc	Not listed.	Not listed.	Not listed.	Not listed.		
Silica, crystalline, quartz	Not listed.	Not listed.	Not listed.	Not listed.		

State Regulations

California Proposition 65:

This product contains a chemical known to the State of California to cause cancer.

Global Inventories:

Ingredient	Canada DSL/NDSL	USA TSCA
Isopropanol	DSL	Yes.
Petroleum gases, liquefied, sweetened	DSL	Yes.
Acetone	DSL	Yes.
Ceramic materials and wares, chemicals	DSL	Yes.
Talc	DSL	Yes.
Silica, crystalline, quartz	DSL	Yes.

NFPA-National Fire Protection Association:		
Health:	2	
Fire:	4	
Reactivity:	0	

HMIS-Hazardous Materials Identification System:	



Health:	2*
Fire:	4
Physical Hazard:	0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65 California Proposition 65

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen. A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Date of Preparation: November 25, 2013

Expiry Date: November 25, 2016

Version: 1.1

Revision Date: June 9, 2015

Conforms to OSHA HazCom 2012, CPR & NOM-018-STPS-2000 Standards

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Prepared by: Nexreg Compliance Inc.

Phone: (519) 488-5126

www.nexreg.com

Prepared for: Magnaflux

End of Safety Data Sheet



SPOTCHECK® SKC-S

1. **IDENTIFICATION**

> **MAGNAFLUX** Company:

Address: 3624 West Lake Avenue, Glenview, Illinois 60026

847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300). Telephone No.:

Product Use: Nondestructive testing material Health 1, Flammability 3, Reactivity 0 NFPA Rating:

Revision Date: March 21, 2014

2. **HAZARDOUS INGREDIENTS**

> Ingredient Wt./Wt. % CAS# TLV PEL LD50 LC50 64742-89-8 5 g/kg 3400 ppm 300ppm Or Light aliphatic solvent naphtha 60-100 64742-49-0 not avail. (oral/rat) (4hrs/rat) (8 hr.TWA) Carbon dioxide propellant (Aerosol Only) 3-7 124-38-9 not avail. 5000 ppm not avail. not avail.

HAZARDS IDENTIFICATION 3.

EMERGENCY OVERVIEW

Flammable liquid and aerosol. Vapor may cause flash fire. Harmful or fatal if swallowed. Mist or vapor may irritate the respiratory tract. Liquid contact may cause eye and skin irritation. Over- exposure may cause central nervous system (CNS) depression and target organ effects. Spills may create a slipping hazard.

POTENTIAL HEALTH EFFECTS & SIGNS AND SYMPTOMS OF EXPOSURE:

Skin Contact: Irritating to skin. Repeated exposure may cause skin dryness or cracking.

Vapors may be irritating to the eye. Eyes:

Vapors expected to be slightly irritating. Vapors may cause drowsiness and dizziness. Inhalation:

Harmful: may cause lung damage if swallowed. Ingestion:

Medical conditions known to be aggravated by exposure to product: Pre-existing medical conditions of the following organ(s) or organ

system(s) may be aggravated by exposure to this material: Eyes,

Skin, and Respiratory system.

4 **FIRST AID**

Wash off with soap and water. Do not use ointments. Seek medical attention if tissue appears damaged or if pain or Skin Contact:

irritation persists.

Rinse carefully under upper and lower eyelids using plenty of water. Rest eyes for 30 minutes. If redness, burning, Eyes:

blurred vision, or swelling persists, transport to the nearest medical facility for additional treatment.

Inhalation: Remove to fresh air if dizzy or nauseated. If rapid recovery does not occur, transport to nearest medical facility for additional

treatment.

Ingestion: Do not induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs

spontaneously, keep head below hips to prevent aspiration.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

FIRE HAZARD 5.

> Conditions of flammability: Bulk and aerosol: Readily ignited in presence of ignition sources.

Flash point: Min. 57°F (14°C) (Pensky-Martens) closed cup.

Flammable limits in air: 1% to 6%.

Extinguishing media: Carbon dioxide, foam

Special fire fighting procedures: Keep containers cool with water spray. Do not spray water directly on burning SKC-S. It will float

and spread the fire.

Smoke, soot, oxides of carbon. Hazardous combustion products:

Unusual fire hazards: Aerosol cans may burst if heated above 130°F (54°C) and spray contents into a fire.

ACCIDENTAL RELEASE MEASURES

Flammable Liquid! Release causes an immediate fire or explosion hazard. Do not touch or walk through spilled material. Prevent spilled material from entering waterways, sewers, basements, or confined area.

Mop up or sweep up with absorbent. Use only non-sparking tools to collect absorbed material. Avoid contact with spilled or released material. Immediately remove all contaminated clothing. (For disposal, see Section 13.)



7. HANDLING AND STORAGE

Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist. Do not spray near arcs or flames. Use only in well ventilated areas. Wash thoroughly after handling.

Storage Level 3 Aerosols per NFPA 30B

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: Use where ventilation will carry spray mist away from occupied areas.

Personal protection: Wear safety glasses to protect eyes. Wear nitrile rubber gloves if hand exposure is unavoidable.

Respirator with solvent vapor absorbing cartridge if used in enclosed,

unventilated space.

Warning: Use of this material in spaces without adequate ventilation may result in generation of hazardous levels of flammable vapors and/or inadequate oxygen levels for breathing. Odor is an

inadequate warning for hazardous conditions.

9. PHYSICAL PROPERTIES

Initial boiling point (bulk): Min. 245°F (118°C) (ASTM D-86) Vapor pressure: 12 and 16 oz.Aerosol: 105psi @ 75°F(24°C)

Bulk: 1.5 - 2.0 kPa at 20°C/68.0°F

VOC Content (EPA Method 24):750 g/LVapor density:4.1Density/sp. gravity:0.76Evaporation rate:Fast

Water solubility: 0 Appearance: Clear, colorless liquid

pH: Neutral Odor: Naphtha odor

10. STABILITY AND REACTIVITY

Stable under normal conditions of use

Incompatibility: Avoid heat, sparks, open flames and other ignition sources. Avoid strong oxidizing agents.

Hazardous decomposition products: A complex mixture of airborne solids, liquids, and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this

material undergoes combustion or thermal or oxidative degradation.

Reactivity: None

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.

Threshold limit value: 300 ppm

WHMIS information (Canada): According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic

toxic effects with other materials.

12. ECOLOGICAL INFORMATION

No data is available on SKC-S. It floats on water. Components will evaporate rapidly.

13. DISPOSAL

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

U.S. EPA Waste Number: D001

14. TRANSPORTATION

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

Proper shipping name:Non-AerosolAerosolPetroleum distillates, n.o.s.ConsumablesHazard class or division:3None NoneIdentification No.:UN1268None

Packing Group:

IATA: List of Dangerous Goods Non-Aerosol Aerosol

Proper shipping name: Petroleum distillates, n.o.s. Aerosols, flammable

Hazard class or division:

Identification No.:

UN1268

UN1950

UN1950

UN1950

Packing Group:



IMDG: General IndexNon-AerosolAerosolProper shipping name:PETROLEUM DISTILLATES,N.O.S.AEROSOLSHazard class of division:3.22.1Identification No.:UN1268UN1950Packing Group:II-

15. **REGULATORY INFORMATION**

California Proposition 65:

TSCA: All ingredients are listed in TSCA inventory. Canadian DSL: All ingredients are listed in the Canadian DSL

CERCLA: VM&P Naphtha (64742-89-8) Reportable Quantity 66,667 lbs.

SARA TITLE III, Section 313: Xylene, Mixed Isomer (1330-20-7) <0.13%; meta-Xylene (108-38-3) < 0.05%; Ethylbenzene (100-

41-4)< 0.1%; Benzene (71-43-2) <0.005%; Toluene (108-88-3) <0.1%, Naphthalene: <0.002% Warning: This material may contain trace amounts of chemicals known to the state of California to

cause cancer and/or birth defects and/or reproductive harm.

WHMIS Class (Canada): Non-Aerosol: B-2, D-2B; Aerosol: A, B-5, D-2B

Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. OTHER INFORMATION

Revision Statement: Section 1 Supersedes: April 1, 2013