

**MATERIAL SAFETY DATA SHEET
TRIM® CLEAN 2030**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name TRIM® CLEAN 2030

Material type Cleaner/Corrosion Inhibitor for Ultrasonic and Immersion Washers

Classification/synonym(s) None/None

Product use Washing Compound for Ultrasonic and Immersion Washers

Manufacturer address MASTER CHEMICAL CORPORATION
501 West Boundary
Perrysburg, OH 43551-1200

Emergency telephone 419-874-7902 **Fax number** 419-874-0684

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOM.	CAS #	%RANGE
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The exact chemical identities and percentages of the raw materials used in TRIM® CLEAN 2030 are trade secrets. This information is being withheld as provided for in the Occupational Safety and Health Administration's Hazard Communication Rule (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

Emergency overview Yellow liquid
Fire may produce oxides of carbon and nitrogen

POTENTIAL HEALTH EFFECTS

Acute effects of overexposure expected to be	Eye Contact	Nonirritant
	Skin Contact	Nonirritant

Chronic effects of overexposure None currently known

Product/Ingredients listed as carcinogen or potential carcinogen?	NTP Annual Report No	IARC Monographs No
	OSHA No	

Signs and symptoms of exposure None

Medical conditions generally aggravated by exposure None known

4. FIRST AID MEASURES

Emergency and first aid procedures	Eyes	Flush immediately with cool, clean water for at least 15 minutes
	Skin	Wash with mild soap and warm water
	Inhalation	Move to fresh air
	Ingestion	If large quantities are ingested, contact a physician

In every case get medical attention as required

5. FIRE FIGHTING MEASURES

Flash point (test method)	None to boiling (COC)	Flammable limits Not determined
Extinguishing media	As appropriate for the surrounding fire: water (flood with water), dry chemical, CO ₂ , or "alcohol" foam	
Special fire fighting procedures	None	Unusual fire and explosion hazards None

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled	Mop up or use dry absorbent
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7. HANDLING AND STORAGE

Precautions to be taken in handling and storing	Avoid contact with eyes. Avoid prolonged or repeated skin contact with the concentrate. Wash thoroughly after handling. Do not swallow. Refer to container labels.
Other precautions	None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection (Specify type)	None	
Ventilation	Local exhaust Mechanical (General) Special Other	Not normally required General room ventilation should be sufficient None None
Protective gloves	None normally required.	
Other protective equipment	None	
Eye protection	Safety glasses	
Exposure limits	None established by ACGIH or OSHA for product as whole Refer to Section 2	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow liquid	
Odor		Mild, detergent
pH of concentrate (as range)	11.5 – 12.0	
Typical operating pH (as range)	10.5 – 11.0	
Boiling point (ASTM D86)	215°F (102°C)	
Freezing point	35°F (2°C)	
Solubility in water	Soluble	
Specific gravity (H ₂ O=1)	1.117	
V.O.C. Content (EPA Method 24)	Not determined	
Evaporation rate (butyl acetate=1)	Not determined	

10. STABILITY AND REACTIVITY

Stability	Stable	Conditions to avoid	None
Incompatibility (materials to avoid)	Strong acids and oxidizers		
Hazardous combustion or decomposition products	Thermal decomposition (fire) may produce oxides of carbon and nitrogen		
Hazardous polymerization	Will not occur	Conditions to avoid	None

11. TOXICOLOGICAL INFORMATION

Study	Test Animal	Results	
		Concentrate	10% solution
Primary skin irritation	Rabbit	nonirritant (PDI = 4.96)	nonirritant (PDI = 0.0)

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal method Must comply with local, state, and federal regulations. If pre-treatment is needed, chemical treatment may be used. Contact Master Chemical Tech Line (1-800-537-3365) for assistance.

14. TRANSPORT INFORMATION

Department of Transportation **DOT Hazard Class:** None
TRIM® CLEAN 2030 is not classified as a hazardous material by DOT.

15. REGULATORY INFORMATION

Resource Conservation and Recovery Act **EPA Hazardous Waste Number(s):** None
TRIM® CLEAN 2030 is not classified as a hazardous waste by EPA.

Toxic Substances Control Act All TRIM® CLEAN 2030 ingredients are listed on the TSCA Inventory of Chemical Substances.

Superfund Amendments and Reauthorization Act of 1986 TRIM® CLEAN 2030 does not contain any Section 302/304 Extremely Hazardous Substances or Section 313 Toxic Chemicals.

16. OTHER INFORMATION

	HMIS Hazard Index	Concentrate	NFPA Rating
(Health)	H = 1		H = 1
(Fire)	F = 0		F = 0
(Reactivity)	R = 0		R = 0
(Personal Protection)	PP = A (safety glasses)		Special hazards = none

Typical Working Solution

H = 1	H = 1
F = 0	F = 0
R = 0	R = 0
PP = A (safety glasses)	Special hazards = none

Key 0 = minimal 1 = slight 2 = moderate 3 = serious 4 = severe

This information is intended solely for the use of individuals trained in the particular system.

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