

Transp.

MATERIAL SAFETY DATA SHEET

U.S. CHEMICAL & PLASTICS

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SECTION I IDENTIFICATION OF PRODUCT

TRADE NAME	PRODUCT CODE
Chrome Cleaner	40351 40970 40355 40061 40352
SYNONYM OR CROSS REFERENCE	PROPER SHIPPING NAME
Metal Liquid Cleaning Compound	Cleaning Compound

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	NATURE OF HAZARD
SEE PAGE 3 ATTACHED	Components combustible. Potential irritant to eyes, nose, throat, respiratory system and skin.

SECTION III PHYSICAL DATA

BOILING POINT Not established	MELTING POINT N/A - liquid
VAPOR PRESSURE Not established	SPECIFIC GRAVITY 1.14 (water = 1)
VAPOR DENSITY (AIR = 1) Heavier than air	PERCENT VOLATILE BY VOLUME (%) Approx. 80%
WATER SOLUBILITY Insoluble but dispersible	EVAPORATION RATE Ethyl Ether = 1) Slower than Ethyl Ether
APPEARANCE Red colored viscous liquid	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used)	FLAMMABLE LIMITS	Lower	Upper
TCC 122° F. (Closed Cup)	Not Established		
FIRE EXTINGUISHING MEDIA			
CO ₂ Dry Chemicals Foam			
SPECIAL FIRE-FIGHTING PROCEDURES	Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighters wear MSHA/NIOSH approved self-contained breathing apparatus		
UNUSUAL FIRE AND EXPLOSION HAZARD	Closed containers exposed to high temperatures such as fire conditions, may rupture.		

SECTION V HEALTH HAZARD

THRESHOLD LIMIT VALUE
Not established. Proposed TLV for petroleum distillates 400 ppm
HEALTH HAZARDS Harmful or fatal if swallowed! Irritant when in contact with eyes and open or abraded skin.
FIRST AID PROCEDURES

SWALLOWED: Remove victim from exposure to well-ventilated area. Make comfortably warm but not hot. Use oxygen or artificial respiration as required. Do not induce vomiting. If conscious, give victim water to drink. Call a physician.

EYE CONTACT: Flush promptly with excess water. Call a physician.

SKIN CONTACT: Wash promptly with soap and excess water.

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Open flame, sparks, excessive heat (above 100° F.) and/or contact with strong oxidizing agents.
	STABLE	X	

INCOMPATIBILITY (materials to avoid)

Strong acids and/or strong oxidizing agents (like peroxides).

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition will yield oxides of carbon (carbon monoxide and carbon dioxide) and acrid fumes.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL AND DISPOSAL PROCEDURES

SPILLS Pick up large spills with inert absorbents like vermiculite or sand, and place in a proper container for disposal.
Wash and clean up small spills with water and detergents.

DISPOSAL

Disposal method must comply with Local, State and Federal Regulations

SECTION VIII PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)

Ventilate with air flow to keep vapor concentration below TLV

VENTILATION Use in well ventilated area	LOCAL Exhaust	SPECIAL See Section IX
	MECHANICAL (general) Acceptable	OTHER

PROTECTIVE GLOVES Neoprene or equivalent recommended	EYE PROTECTION Goggles recommended to protect against accidental splashes.
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OTHER PROTECTIVE EQUIPMENT

Safety showers and eye washfountains should be available

SECTION IX HANDLING AND STORAGE PRECAUTIONS

STORAGE & HANDLING Keep away from extreme heat, open flame, or other sources of ignition. Do not store above 100° F. USE WITH ADEQUATE VENTILATION. DANGER: HARMFUL OR FATAL IF SWALLOWED! CONTAINS PETROLEUM DISTILLATES! COMBUSTIBLE! AVOID CONTACT WITH EYES! AVOID BREATHING OF VAPORS!

MISCELLANEOUS

Do not flame cut, braze, weld, or melt empty containers.

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Revision:

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The information in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the sheet is the latest one issued.

PRODUCT RATING

HMIS LABEL CODE:

0 = least hazard to
4 = greatest hazard

HEALTH

FLAMMABILITY

REACTIVITY

2

2

0

PRODUCT: CHROME CLEANER

SECTION II - LIST OF INGREDIENTS (100%)

	Weight % less than:	CAS #	TLV/PEL
Solvents: Water	55	7732-18-5	Not established
Blend of aliphatic hydrocarbons and Tall acids	18	64742-88-7 061-790-123	400 ppm (ppsd) *
Abrasives: Blend of Diatomaceous Earth/ Silica (SiO ₂) ***	30	014-808-607	(8 Hr 10 mg/m ³ (SiO ₂ +2
Caustic Potash (45% Solution in water)	1	1310-58-3	**
Ammonia	0.5	001-336-216	50 ppm
Blend of proprietary dispersing and suspending agents	0.5		
Blend of proprietary colorants	0.01		

* Skin: 15-75 mg/m³/3-BI

** Ceiling level 2 mg/m³ (KOH)
Skin: 50 mg/24 H (severe irritation)

*** Available data shows hazard as dust. In
this product as sold and distributed, this
material is wetted down limiting the
extent and severity of the potential
hazard.

GAG:tb
11-15-85