

MATERIAL SAFETY DATA SHEET

U.S. CHEMICAL & PLASTICS

1446 W. TUSCARAWAS ST. • CANTON, OHIO 44706

EMERGENCY PHONE: (216) 455-4311

CHEMTEC: 1-800-424-9300

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SECTION I IDENTIFICATION OF PRODUCT

TRADE NAME	PRODUCT CODE 40044
Bug & Tar Remover	40196 40198
SYNONYM OR CROSS REFERENCE	PROPER SHIPPING NAME
Liquid Spot Cleaner	Cleaning Compound

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	NATURE OF HAZARD
Petroleum Distillates	Components flammable. Potential irritant to eyes, nose, throat, respiratory system and skin. Please note that this product is a water emulsion and as such is self-extinguishing.
ALSO SEE PAGE 3 ATTACHED	

SECTION III PHYSICAL DATA

BOILING POINT Not established	MELTING POINT N/A
VAPOR PRESSURE Not established	SPECIFIC GRAVITY 0.85 (water = 1.00)
VAPOR DENSITY (AIR = 1) Heavier than air	PERCENT VOLATILE BY VOLUME (%) Less than 95%
WATER SOLUBILITY Insoluble but dispersible	EVAPORATION RATE Ethyl Ether = 1) Slower than Ethyl Ether
APPEARANCE White emulsion - liquid	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used) TAG 85° F. Closed Cup. Self-extinguishing water emulsion.	FLAMMABLE LIMITS	Lower	Upper
	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.

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.

Date issued: 11-15-85 Revision: _____

GAG:tb

The information in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's 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 without notice.

PRODUCT RATING

HEALTH

☐ 2

HMIS LABEL CODE:

FLAMMABILITY

☐ 3

0 = least hazard to

REACTIVITY

☐ 0

4 = greatest hazard

PRODUCT: BUG & TAR REMOVER

SECTION II - LIST OF INGREDIENTS (100%)

	Weight % less than:	CAS #	TLV/PEL
Solvents: Water	42	7732-18-5	Not established
Blend of aliphatic hydrocarbons	58	008-052-413 & 647742-88-7	100 ppm
Terpenes		008-006-642	*
VM&P naptha		64742-89-8	200 ppm
Blend of surface active agents	4	26027-38	Not established
Blend of proprietary leveling agents and preservatives	0.1		

*8-hr TWA 100 ppm or 560 mg/m³