

MATERIAL SAFETY DATA SHEET

INDUSTRIAL TOOL & MACHINERY SALES
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DATE REVIEWED: MARCH 12, 2009
 Poisons Information Centre 131126 (AH)

TRADE NAME:	TAP MAGIC XTRA®-Thick Formula
DOT SHIPPING NAME:	Not a Regulated Material
CHEMICAL NAME & SYNONYMS:	Petroleum Hydrocarbons and Additives
HMIS/NFPA CODE:	Health 1; Fire 1; Reactivity 1
MANUFACTURING CODE NO.:	8358
COMMODITY CODE NO.:	332-9150

I. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>OSHA PEL</u> <u>ppm</u>	<u>ACGIH TLV</u> <u>mg/m³</u>	<u>Other Limits</u> <u>Recommended</u>	<u>Max.%</u>
Chlorinated Paraffins	61788-76-9	*	N/A	---	<60

II. INGREDIENTS

Naphthenic Oils	64742-53-6	*	N/A	---	<50
Sulfurized Paraffins	64742-54-7	*	N/A	---	<2
Petroleum Sulfonic Acid Salt	68608-26-4	*	10	---	<2
Petroleum Olefins	64743-02-8	*	10	TWA 1 mg/m ³	<2

* These products do not have a unique regulatory limit, however, the OSHA Pel for mineral oil is 5 mg/m³

III. PHYSICAL DATA

BOILING RANGE, (760 mm, Mercury)	:	N/A
SPECIFIC GRAVITY (Water =1), lbs/gal.	:	1.2 (10.2 lbs/gal)
VAPOR PRESSURE (mm of Mercury) @ 68° F	:	<5
VAPOR DENSITY (Air = 1)	:	>1
SOLUBILITY IN WATER, % by weight	:	<1
EVAPORATION RATE (Butyl Acetate = 1)	:	<1
% VOLATILE BY VOLUME	:	<1
APPEARANCE	:	Dark Liquid
ODOR	:	Slight/None
pH	:	N/A (Non-Aqueous)

IV. FIRE & EXPLOSION DATA

FLASH POINT, TOC, TCC, PMCC	:	>300° F
AUTOIGNITION TEMPERATURE	:	>700° F
EXTINGUISHING MEDIA	:	CO ₂ , Dry Chemical Foam, Water Fog
SPECIAL FIRE FIGHTING PROCEDURES	:	Containers will self-pressurize on heating and should be cooled as soon possible during any fire fighting event to prevent explosive rupturing of containers.
UNUSUAL FIRE AND EXPLOSION HAZARD	:	This product may release toxic fumes when burned; including but not limited to: hydrogen chloride, hydrogen sulfide, carbon monoxide, and short chain hydrocarbons. Under fire conditions, sufficient evolution of such agents will occur to necessitate the use of self-contained breathing apparatus.

V. HEALTH HAZARD INFORMATION

PRIMARY ROUTES OF ENTRY	:	Exposure may occur via inhalation, skin contact or ingestion.
EFFECTS OF ACUTE OVEREXPOSURE	:	INHALATION: (Unlikely due to low vapor pressure). Mist may cause headache, nasal, respiratory, and eye irritation. SKIN CONTACT: Prolonged or repeated exposure may cause defatting and irritation.

INGESTION: Headache, drowsiness, nausea, fatigue.

EYE: May cause pain and irritation.

EFFECTS OF CHRONIC

OVEREXPOSURE : Same as for acute overexposure.
CARCINOGENICITY : Not a carcinogen or suspect carcinogen.

EMERGENCY AND FIRST

AID PROCEDURES : **EYE:** Flush eyes gently with water for at least 15 minutes, forcibly holding eyelids open to ensure complete irrigation of all eye and lid tissue. See physician.
SKIN: Wash with soap and water. If rash or irritation persists, see physician.
INHALATION: Remove to fresh air. See physician if irritation persists. In case of exposure to fumes from fire, remove person to fresh air. If unconscious, have professional administer oxygen. If breathing stops, administer mouth-to-mouth resuscitation.
INGESTION: Do not induce vomiting. Call physician. If individual is conscious, give large quantities of water (milk if available). If vomiting occurs spontaneously, keep airway clear and give more water.

VI. REACTIVITY DATA

STABILITY: Stable at ambient temperatures and pressure. Elevated temperature and exposure to strong alkalis, oxidizers, and/or acids will promote decomposition. Such decomposition results in the release of hydrogen chloride, hydrogen sulfide, and sulfur compounds. At normal room temperatures, decomposition is virtually nil. Exposure to strong direct sunlight may cause decomposition of some components present in this product.

INCOMPATIBILITY: Contact with alkali materials, oxidizers, or acids should be avoided.

HAZARDOUS DECOMPOSITION PRODUCTS: This product may release toxic fumes when burned; including but not limited to: hydrogen chloride, hydrogen sulfide, carbon monoxide, and short chain hydrocarbons.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: None

VII. DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY : Not Determined.

SPILL OR LEAK

PROCEDURES : Small Spills: Soak up with shop towels or absorbent material such as oil-dry or vermiculite. Large Spills: Any leaks should be stopped. Spill should be contained, and then cleaned up using vacuum truck or absorbent material.

WASTE DISPOSAL

METHOD : Dispose of in accordance with all local, state and federal regulations. "If inert absorbents are employed in spill containment or cleanup, these absorbents must be non-biodegradable materials if destined for landfill disposal. Suitable absorbents include natural minerals (clay), activated charcoal, man-made polymers (HD polyethylene)."

NEUTRALIZATION

CHEMICALS : N/A

VIII. SPECIAL PROTECTION INFORMATION

EYE PROTECTION : Standard eye protection should be worn when using this product.

SKIN PROTECTION : No special equipment is needed. However, good personal hygiene practices should be followed.

RESPIRATORY PROTECTION: If application to which this product is being applied generates excessive mist or fumes, appropriate respiratory protective equipment should be used. No special requirements under ordinary conditions of use and proper ventilation of work area.

VENTILATION : No special requirements under ordinary conditions of use and with adequate ventilation.

IX. SPECIAL PRECAUTIONS: N/A

X. ADDITIONAL INFORMATION:

CAUTION: Any cutting fluid can be "overworked" or "overheated", causing it to break down. This overuse is identified by the sight of or strong odor of vapors or fumes not normally present. The effects of these vapors or fumes on human health have not been fully determined. After use of this product, clean and lubricate metal surfaces to avoid staining and/or corrosion. Always use with adequate ventilation.

Tap Magic Xtra®-Thick DOES NOT CONTAIN 1,1,1-trichloroethane or any ozone depleting substances. Incomplete combustion can produce carbon monoxide.

Tap Magic Xtra®-Thick does not contain any chemical compound listed on the SARA list of "Extremely Hazardous Chemicals" and is in compliance with all of the requirements of the TSCA at the time of shipment.

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