

MATERIAL SAFETY DATA SHEET

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PRODUCT RELATED HEALTH DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CLEANER

Binks Part No. 40-70

MSDS #: MSDS-25

REVISION #: 2.1

DATE REVISED: 4/12/2007 DATE PREPARED: 6/22/1999

ITW Industrial Finishing - Binks

195 Internationale Blvd.

Glendale Heights, IL 60139

Emergency Number - INFOTRAC

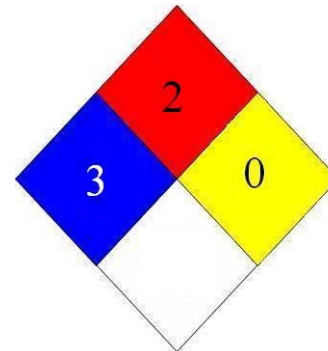
EMERGENCY PHONE (24 HOURS):

1-800-535-5053**630-237-5000**

CHEMICAL FORMULA: MIXTURE

CAS NUMBER: Not Applicable

GENERAL USE: SOLVENT CLEANER



2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS

CAS REG NO.	WGT . %	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	UNITS
HAZARDOUS INGREDIENTS						
Water						
CAS# 7732-18-5	87 %	NA	NE	NA	NE	NA
Nonylphenol ethoxylate, branched						
CAS# 127087-87-0	4 %	NE	NE	NE	NE	NA
ISOPROPYL ALCOHOL						
CAS# 67-63-0	4 %	400	500	400	500	PPM
N-ALKYL(C12-16)N,N-DIMETHYL BENZYL AMMONIUM CHLORIDE						
CAS# 68424-85-1	4 %	NF	NE	NF	NE	NA
Methyl Salicylate						
CAS# 119-36-8	1 %	NE	NE	NE	NE	NA

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

PRIMARY EXPOSURE ROUTES: Dermal - skin - Ingestion - Eyes.

ACUTE EFFECTS

Eye: Causes severe eye irritation. May cause permanent damage if prolonged contact.**Skin:** Causes severe skin irritation.**Ingestion:** Ingestion can cause immediate burning pain in the mouth, throat, and abdomen; severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breathe; circulatory shock; and/or convulsions. May be fatal.**Inhalation:** Solvent vapors or mists of product can cause irritation of mucous membranes.

CHRONIC EFFECTS

Eye: May cause permanent damage if prolonged contact.

Skin: May produce permanent damage if prolonged contact.

Ingestion: Can cause severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breathe; circulatory shock; and/or convulsions. May be fatal.

Inhalation: Solvent vapors or mists of product can cause irritation of mucous membranes, which may produce permanent damage if prolonged.

CARCINOGENICITY: Not listed as a carcinogen by the NTP, IARC, or OSHA.

TARGET ORGAN EFFECTS: Central nervous system damage.

MEDICAL CONDITIONS AGGRAVATED by LONG-TERM EXPOSURE: Central nervous system disorders.

OTHER INFORMATION: Product may be fatal if swallowed or ingested.

HMIS RATING: See Section 15.

4. FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek medical attention immediately. If physician not available, flush for additional 15 minutes and then transport victim to medical care.

SKIN CONTACT: Wash with large amounts of running water, and soap if available, for 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing and decontaminate shoes before reuse.

INGESTION: If swallowed, immediately give 3-4 glasses of milk (if unavailable, give water). DO NOT Induce vomiting. If vomiting occurs, give fluids again. SEEK medical attention immediately. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.

INHALATION: Remove victim to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

OTHER INFORMATION: NOTE TO PHYSICIAN. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short acting barbiturate drug.

5. FIRE FIGHTING MEASURES

FLASH POINT (method): 110°F (PMCC)

AUTOIGNITION TEMPERATURE: Not known

FLAMMABLE LIMITS

LOWER EXPLOSION LIMIT: Not Known

UPPER EXPLOSION LIMIT: Not Known

FLAMMABILITY CLASS: COMBUSTIBLE

EXTINGUISHING MEDIA: Water, Carbon dioxide, Dry chemical and Chemical Foam.

HAZARDOUS COMBUSTION PRODUCTS: Products of combustion are toxic. Heated solvent vapors can travel to an ignition source and flash back. Explosive mixtures can form with air.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.

FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT: Firefighters must wear full facepiece self-contained breathing apparatus in positive pressure mode as standard Personal Protective Equipment when fighting chemical fires. Keep fire-exposed containers cool with water spray.

NFPA RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

Use Personal Protective Equipment (See section 8).

SMALL SPILL: Warning!! Product is combustible. Remove all sources of ignition and ground all equipment before use. Floors may become slippery. Dike and contain spill with inert material (sand, earth, etc.).

LARGE SPILL: Warning!! Product is combustible. Remove all sources of ignition and ground all equipment before use. Floors may become slippery. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mists or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water. Dispose of in accordance with State, Local and Federal Regulations.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Keep container closed when not in use. Protect containers from abuse. Do not contaminate drinking water, food or feed by storage or disposal.

STORAGE REQUIREMENTS: Store at temperatures below 140°F. Store containers in a covered area. Check all containers for leaks. Keep out of reach of children. Minimize body contact with this product as well as all chemicals in general.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE and FACE PROTECTION: Wear Chemical Splash Goggles where there is a potential for eye contact. Use Safety Glasses with Side Shields under normal use conditions.

SKIN and HAND PROTECTION: Protective clothing (long sleeves, coveralls or other, as appropriate), when needed, to prevent skin contact. Rubber or neoprene gloves, when needed, to prevent skin contact.

RESPIRATORY PROTECTION: In processes where mists or vapors may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

OTHER PERSONAL PROTECTIVE EQUIPMENT: Safety eyewash and shower nearby.

ENGINEERING CONTROLS: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

ADMINISTRATIVE CONTROLS: Users of this product must be properly trained and qualified in its use. As with all chemicals, take all necessary precautions to avoid prolong contact. Keep this and all other chemicals out of reach of children: minimize body contact with this product as well as all chemicals in general. Because of variability of conditions which may exist, evaluation of employee exposure by a professional Industrial Hygienist is recommended.

OTHER INFORMATION: COMBUSTIBLE. Practice safe work habits. Do Not smoke or eat in the work area. Wash hands thoroughly after handling. Keep away from children.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear green liquid
PHYSICAL STATE: Liquid.
ODOR: Mint Odor.
ODOR THRESHOLD (PPM): Not Determined
SPECIFIC GRAVITY (water=1): 1.00 @ 25°C
SOLUBILITY IN WATER (20°C) : Soluble
COEFFICIENT of WATER/OIL SOLUBILITY: Not Determined.
PARTITION COEFFICIENT (n-octanol/water): Not Determined.
pH: Not known
MELTING POINT: Not Applicable.
BOILING POINT: Not known.
EVAPORATION RATE (WATER=1): Not known.
VAPOR PRESSURE (MMHg): Not known.
VAPOR DENSITY (AIR=1): Not known.
V.O.C.: 91 %
FLASH POINT: / AUTOIGNITION TEMPERATURE: / FLAMMABILITY CLASSIFICATION: / UNUSUAL FIRE or EXPLOSION HAZARDS: See Section 5
OXIDIZING PROPERTIES: None Known.
OTHER INFORMATION: None.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will Not Occur.
CONDITIONS TO AVOID: Extreme temperatures.
CHEMICALS TO AVOID: Strong oxidizing agents and acids.
HAZARDOUS DECOMPOSITION PRODUCTS (non-thermal): None known.

11. TOXICOLOGICAL INFORMATION

SENSITIZATION TO PRODUCT: Preexisting skin, eye, or respiratory disorders may become aggravated through exposure.
IRRITANCY OF PRODUCT: Severe skin and eye irritation. Irritation of mucous membranes.
REPRODUCTIVE TOXICITY: Not known.
TERATOGENICITY: Not known.
MUTAGENICITY: Not known.

12. ECOLOGICAL INFORMATION

MOBILITY: Not Determined.
DEGRADABILITY: Not Determined.
ACCUMULATION: Not Determined.
ECOTOXICITY: Not Determined.
OTHER ADVERSE EFFECTS: Not Determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be made in accordance with federal, state and local regulations. Incineration recommended in approved incinerator according to federal, state, and local regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state or federal Environmental Protection Agency before disposing of any chemicals.

14. TRANSPORT INFORMATION

U.S. D.O.T. PROPER SHIPPING NAME: Combustible Liquid (Bulk only)
HAZARD CLASS or DIVISION: Combustible Liquid, N.O.S.
I.D. NUMBER: None

15. REGULATORY INFORMATION

OSHA HAZARD STATUS: Combustible Liquid.

EPA SARA Sec. 311/ 312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD - FIRE HAZARD

TOXIC SUBSTANCES CONTROL ACT (TSCA): All components of this product are listed or are exempt from listing on the TSCA inventory.

SARA Title III, Section 313, CHEMICALS: ISOPROPANOL (ISOPROPYL ALCOHOL)

Canada - WHMIS: Workplace Hazardous Materials Information System, has determined that this product must be disclosed as a hazardous ingredient to the extent described in the regulations.

CALIFORNIA Proposition 65 - Safe Drinking Water and Toxic Enforcement Act Substances List: Isopropanol (67-63-0)

NEW JERSEY RIGHT-TO-KNOW HAZARDOUS SUBSTANCES LIST: N-Alkyl (C12-16)-N,N-dimethylbenzylammonium chloride (68424-85-1) Isopropanol (67-63-0)

PENNSYLVANIA HAZARDOUS SUBSTANCES LIST: Isopropanol (67-63-0)

MASSACHUSETTS RIGHT-TO-KNOW SUBSTANCES LIST: Isopropanol (67-63-0)

HMIS RATING: HEALTH 3, FLAMMABILITY 2, REACTIVITY 0

16. OTHER INFORMATION

MSDS PREPARED BY: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, ITW Industrial Finishing Binks makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will ITW Industrial Finishing - Binks be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF MSDS ***