

MATERIAL SAFETY DATA SHEET



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PRODUCT RELATED HEALTH DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Binks Pump Purj

Binks Part No. 41-3134

MSDS #: MSDS-12

REVISION #: 2.1.1

DATE REVISED: 2/03/2007 DATE PREPARED: 3/01/2002

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: Pump Purj

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS

<u>CAS REG NO.</u>	<u>WGT . %</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>	<u>UNITS</u>
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HAZARDOUS INGREDIENTS

Propylene Glycol CAS# 57-55-6

Sodium Nitrate CAS# 7632-00-0 <3%

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

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

ACUTE EFFECTS

Eye: This product will cause irritation to the eyes.

Skin: Minor irritant.

Ingestion: May cause gastric distress, vomiting and diarrhea.

Inhalation: None expected, however certain individuals may be sensitized and experience minor nausea and/or headaches.

CHRONIC EFFECTS

Eye: No long-term adverse effects are known.

Skin: None established.

Ingestion: None established.

Inhalation: None established.

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

TARGET ORGAN EFFECTS: None known.

MEDICAL CONDITIONS AGGRAVATED by LONG-TERM EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

HMIS RATING: See Section 15.



4. FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.

SKIN CONTACT: Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

INGESTION: Give two glasses of water for dilution. Induce vomiting by having victim place his/her finger down their throat. SEEK medical attention immediately.

INHALATION: Remove victim to fresh air. If symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (method): Non-Flammable

FLAMMABLE LIMITS

LOWER EXPLOSION LIMIT: Not Applicable

UPPER EXPLOSION LIMIT: Not Applicable

FLAMMABILITY CLASS: None

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

HAZARDOUS COMBUSTION PRODUCTS: None Known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers can rupture due to buildup of steam.

FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT: Firefighters must wear full facepiece self-contained breathing apparatus in positive pressure mode as standard Personal Protective Equipment. Keep containers cool with water spray to prevent container rupture due to steam buildup.

NFPA RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

Dike areas with sand, earth, sawdust or other absorbent.

SMALL SPILL: Wash to sanitary sewer with plenty of water.

LARGE SPILL: Confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty 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.

STORAGE REQUIREMENTS: Protect containers from extreme temperatures. 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: Eye protection recommended, Chemical Goggles or Safety Glasses with Side Shields.

SKIN and HAND PROTECTION: Recommended for general protection, use neoprene, rubber or chemical resistant gloves.

RESPIRATORY PROTECTION: None required.

OTHER PERSONAL PROTECTIVE EQUIPMENT: Safety eyewash nearby.

ENGINEERING CONTROLS: Normal mechanical room ventilation. Local exhaust is not necessary.

ADMINISTRATIVE CONTROLS: Keep this and other chemicals out of reach of children: minimize body contact with this product as well as all chemicals in general.

OTHER INFORMATION: 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 blue liquid

PHYSICAL STATE: Liquid.

ODOR: Slight glycol Odor.

ODOR THRESHOLD (PPM): Not Determined

SPECIFIC GRAVITY (water=1): 1.01

SOLUBILITY IN WATER (20° C) : Complete

COEFFICIENT of WATER/OIL SOLUBILITY: Not Determined.

PARTITION COEFFICIENT (n-octanol/water): Not Determined.

pH: 7.5 - 8.5

MELTING POINT: Not Applicable.

BOILING POINT: 188° C (370° F)

EVAPORATION RATE (WATER=1): Slower than Ether

VAPOR PRESSURE (MM Hg): Equal to water

VAPOR DENSITY (AIR=1): Heavier than air

V.O.C.: Not Applicable

FLASH POINT: / AUTOIGNITION TEMPERATURE: / FLAMMABILITY

CLASSIFICATION: / UNUSUAL FIRE or EXPLOSION HAZARDS: See Section 5

OXIDIZING PROPERTIES: None Known.

OTHER INFORMATION: Do NOT TRANSFER into Unmarked Drums.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will Not Occur.

CONDITIONS TO AVOID: Extreme temperatures.

CHEMICALS TO AVOID: Strong oxidizing agents, acids, or ammonium compounds.

HAZARDOUS DECOMPOSITION PRODUCTS (non-thermal): None known.

11. TOXICOLOGICAL INFORMATION

SENSITIZATION TO PRODUCT: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

IRRITANCY OF PRODUCT: Not Known.

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. 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: Not Regulated.

HAZARD CLASS or DIVISION: NONE

I.D. NUMBER: None

15. REGULATORY INFORMATION

OSHA HAZARD STATUS: None.

EPA SARA Sec. 311/312 HAZARD CATEGORIES: None.

TOXIC SUBSTANCES CONTROL ACT (TSCA): None.

SARA Title III, Section 313, CHEMICALS: Not on List

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: Not on List.

HMS RATING: HEALTH 0, FLAMMABILITY 1, REACTIVITY 1

16. OTHER INFORMATION

MSDS PREPARED BY: Director of Chemical Safety

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*** END OF MSDS ***