

MATERIAL SAFETY DATA SHEET



2621 7th Ave. South
Estherville, Iowa 51334
PH: (712) 362-7737

PRODUCT NAME: 400 WAX

MSDS NO: 55700.03

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FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887	FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716	HEALTH HAZARD: (0 None > 4 Extreme) Health =2 Flammability =2 Reactivity =0
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SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: December 1, 2008

SUPERSEDES: September 05, 2000

PREPARED BY: Dean F. Fernholz

D.O.T. SHIPPING CLASS: Class 55, Non-Hazardous Cleaning Compound.

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS. NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	Per-Cent
Paraffinic Distillates	64741-44-2	5 mg/kg 8 hrs.	5 mg/kg 8 hrs.	NE	10-30%
Quaternary Amidoamine	68604-75-1	NE	NE	NE	10-30%
Isopropanol	67-63-0	980 mg/kg	983 mg/kg	NE	1-5%
Ethylene Glycol Monobutyl Ether *	111-76-2	25 ppm SKIN	25 ppm SKIN	470 mg/kg	1-5%

*subject to reporting requirements of Section 313 of Title III of SARA and 40 CFR Part 372.

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 180 °F

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: .95

VAPOR PRESSURE mm/hg: 23 @ 70°F

VAPOR DENSITY (Air=1): 1.2

REACTIVITY IN WATER: None

pH 5% SOLUTION = 7

MELTING POINT: 20°F

APPEARANCE AND ODOR: Straw color, alcohol odor

SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: 105 °F

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: PMCC

LEL LOWER: 2.0

UEL UPPER: 12.0

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHER MEDIA: Water, Dry Chemical, Carbon Dioxide, Sand

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION: Will NOT occur

CONDITIONS TO AVOID: NA

SECTION 6 – HEALTH HAZARDS

ACUTE: Irritation or severe irritation of eyes, headache and dizziness

CHRONIC: None Known

SIGNS & SYMPTOMS OF EXPOSURE: NA

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGEN OR POTENTIAL CARCINOGENS: OSHA: None NTP: None IARC: None ACGIH: None

EMERGENCY FIRST AID:

EYES: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN: Flush with large amounts of water; use soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION: Do NOT induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention. Do NOT attempt to give anything by mouth to an unconscious person.

ROUTES OF ENTRY:

INHALATION: Concentrated vapor irritating to eyes, dizziness.

EYES: Severely irritating. May result in permanent damage.

SKIN: May irritate and may cause dermatitis.

INGESTION: Corrosive to mouth, esophagus and stomach.

SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

HANDLING & STORAGE: Store in a cool dry area. DO NOT FREEZE. Keep closed when not in use.

OTHER PRECAUTIONS: Normal good housekeeping practices.

IN CASE OF SPILL: Dike and contain spill with inert material, transfer liquid solid material to containers for recovery. Flush area with large amounts of water.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NA

VENTILATION: Use with adequate ventilation.

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety Glasses or Goggles

OTHER: Waterproof suit and boots may be worn

HYGIENIC PRACTICES: Wash thoroughly after handling.

SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

	<u>CHEMICAL NAME:</u>	<u>C.A.S. NO.</u>
1.	Water	7732-18-5
2.	Paraffinic Distillates	68741-44-2
3.	Quaternary Amidoamine	68604-75-1
4.	Isopropanol	67-63-0
5.	Ethylene Glycol Monobutyl Ether	111-76-2

NA = Not Applicable

NE = None Established

The information provided 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 information herein is furnished without warranty of any kind.