

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: KLEENZOL DY ALKALINE SUMP CLEANER
FINISHED GOODS: 1 GAL = 76012, 5 GAL = 76052, 55 GAL = 76552
(PREVIOUS PRODUCT NAMES: PolarChip112, PolarClean 112, Precision Surface Plate Grinder)
HMIS CODES: Health = 1, Flammability = 2, Reactivity = 0

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ITW ROCOL NORTH AMERICA
ADDRESS : 3624 West Lake Avenue, Glenview, Illinois 60026
EMERGENCY PHONE : 800-424-9300 (CHEMTREC) DATE REVISED : 1/17/07
INFORMATION PHONE : 800-452-5823 SUPERCEDES : 12/16/03
NAME OF PREPARER : Leroy Hitchcock

SECTION 2 - REPORTABLE COMPONENTS

Table with 3 columns: INGREDIENT NAME/CAS#, EXPOSURE LIMITS, WEIGHT PERCENT. Rows include \*TRIETHANOLAMINE (102-71-6), \*ISOPROPANOL (67-63-0), and \*DIETHANOLAMINE (111-42-2) with their respective exposure limits and weight percentages.

\* Indicates chemical subject to the reporting requirements of OSHA's Hazard Communication Standard 1910.1200.

California Proposition 65:

This product does not contain any ingredients which are known by the State of California to cause cancer, birth defects, or other reproductive harm.

All components in this product are listed on TSCA.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 180°F SPECIFIC GRAVITY (H2O=1): 1.01
VAPOR DENSITY: (Air = 1): >1 EVAPORATION RATE: (BuAc=1): <1
COATING V.O.C.: 0.94 lb/gl MATERIAL V.O.C.: 0.94 lb/gl
SOLUBILITY IN WATER: Appreciable
APPEARANCE AND ODOR: Pale yellow liquid with mild odor

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT: 142° F METHOD USED: CC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NA UPPER: NA  
EXTINGUISHING MEDIA: Water Yes, CO2 Yes, Dry chemical Yes, Foam Yes,  
Alcohol foam Yes.  
SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self-contained  
breathing apparatus in confined areas.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

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SECTION 5 - REACTIVITY DATA

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STABILITY: Chemically stable.  
CONDITIONS TO AVOID: Do not mix with products containing nitrites. Under  
certain conditions, amines may react with nitrites to form potentially  
carcinogenic nitrosamines.  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon.  
HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 6 - HEALTH HAZARD DATA

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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Unlikely at normal room  
temperatures. At elevated temperatures eye, nose and throat irritation  
may occur.  
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight  
irritation.  
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight irritant.  
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Symptoms: Nausea and  
vomiting. Do not induce vomiting. If vomiting occurs keep head below  
hips to prevent aspiration of liquid into lungs. Call a physician  
immediately.  
HEALTH HAZARDS (ACUTE AND CHRONIC):  
Acute: Slight irritation.  
Chronic: Effects are not known.  
CARCINOGENICITY: NTP CARCINOGEN: No  
IARC MONOGRAPHS: No  
OSHA REGULATED: No  
ACGIH CARCINOGENICITY: No

TOXICITY DATA:

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INGREDIENTS	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LD50
Diethanolamine	710 mg/kg	12.2 g/kg	N/A
Triethanolamine	>4000 mg/kg	N/A	low toxicity

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders.  
EMERGENCY AND FIRST AID PROCEDURES:  
EYES: Flush well with water. Contact a physician if irritation persists.  
SKIN: Wash with soap and water.

INHALATION: No emergency care anticipated under normal conditions.  
INGESTION: Do not induce vomiting. Contact a physician. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

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SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent skin and eye contact. Mop up or use absorbent material, wash area, discard in suitable containers.

WASTE DISPOSAL METHOD: Remove to a waste disposal facility operating in compliance with federal, state, and local regulations.

SHIPPING CLASSIFICATION: Non-hazardous according to IATA, 49CFR, and IMDG Regulations.

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SECTION 8 - CONTROL MEASURES

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RESPIRATORY PROTECTION: None required at normal handling temperatures.

VENTILATION: Local exhaust is recommended for confined areas. General mechanical ventilation is adequate for normal use.

PROTECTIVE GLOVES: Chemical resistant rubber gloves, such as polyvinyl chloride-coated, and other protective gear as required to minimize skin contact.

EYE PROTECTION: Safety glasses. Splash proof goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath and safety shower.

WORK/HYGIENIC PRACTICES: Follow current H.M.I S. regulations.

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SECTION 9 - DISCLAIMER

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ITW ROCOL NORTH AMERICA bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.