

MSDS

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29CFR 1910.1200)

HMIS CODES: H-3 F-0 R-0 P-

| SECTION 1 – Product Information | | | | | |
|---|-----------------------------|---|--|-----------------------------|---------|
| PRODUCT NAME DYNA-CLEAN | | PRODUCT TYPE: Heavy-Duty Non-Butyl Cleaner DOT CLASS: (LTD QTY) ORM-D Consumer Commodity Compounds, Cleaning Liquid, 8, NA-1960, PGIII (Caustic Potash) | | | |
| MANUFACTURER: DYNACCO, INC. PO BOX 27 17461 – 147 TH ST. S.E. MONROE, WA 98272 | | INFORMATION PHONE: 360-794-8974 24-HOUR EMERGENCY: CHEM-TEL (800) 255-3924 DATE PREPARED: 12-9-94 LATEST REVIEW: 3-20-04 | | | |
| Section II - Hazardous Ingredients/Identity Information | | | | | |
| Hazardous Components (Specific Chemical Identity: Common Names) | | OSHA PEL | WISA PEL | Other Limits Recommended | % |
| Caustic Potash CAS # 1310583 | | 2 MG/M3 | 2 MG/M3 Cubic Meter as a ceiling limit | | >5% |
| Sodium Metasilicate Anhydrous CAS# 6834-92-0 | | 2 MG/M3 | | Skin Irritant | <5% |
| Section III - Physical/Chemical Characteristics | | | | | |
| Boiling Point | Approx 220°F | Specific Gravity (H2O = 1) | | 1.13 | |
| Vapor Pressure (mm Hg.) | N/A | Melting Point | | N/A | |
| | | pH | | 13.7 | |
| Vapor Density (Air - 1) | N/A | Evaporation Rate | | N/A | |
| Solubility in Water | Complete | Appearance and Odor | | Purple | |
| Section IV - Fire and Explosion Hazard Data | | | | | |
| Flash Point (Method Use) | Non-Flammable | Flammable Limits | N/A | LEL N/A | UEL N/A |
| Extinguishing Media | N/A | | | | |
| Special Fire Fighting Procedures | N/A | | | | |
| Unusual Fire and Explosion Hazards | N/A | | | | |
| Section V - Reactivity Data | | | | | |
| Stability | Unstable | | Conditions to Avoid | | |
| | Stable | X | | | |
| Incompatibility (Materials to Avoid) | May etch glass and aluminum | | | | |
| Hazardous Decomposition or Byproducts | N/A | | | | |
| Hazardous | May Occur | | Conditions to Avoid | | |
| Polymerization | Will Not Occur | X | | | |
| Section VI - Health Hazard Data | | | | | |
| Routes of Entry: | Inhalation? | Skin? | Ingestion? | | |
| | X | X | X | | |
| Health Hazards (<i>Acute and Chronic</i>) Strong caustic--contact with concentrated solutions or mists may cause tissue damage or burns. Effects of Overexposure: ACUTE (Short Term Exposure) - Depending upon concentration, acute exposure may result in reddening of the skin, moderate Irritation and possible discomfort. Irritation by Inhalation and by mist to upper respiratory tract or other mucous membrane areas. Eye contact produces tearing, Irritation and discomfort. Accidental ingestion may cause nausea, diarrhea and irritation of the intestinal lining. CHRONIC (Long -Term Exposure) - Long-Term misuse resulting from airborne concentrations of mist or spray may cause damage to upper respiratory tract. Chronic effects may result in superficial destruction of skin tissue and dermatitis. Chronic eye exposure can lead to destruction of eye tissue and blindness. | | | | | |
| Carcinogens: | NTP? No | IARC Monographs? No | OSHA Regulated? No | | |
| Emergency and First Aid Procedures: INHALATION - Typically not a hazard. But get to fresh air and treat symptomatically. EYE CONTACT: Object is to seek medical attention immediately. Flush with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention if any irritation persists. SKIN CONTACT: Wash with plenty of water. Seek medical attention if any irritation persists. INGESTION: If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately. | | | | | |
| Section VII - Precautions for Safe Handling and Use | | | | | |
| Steps to be taken in case Material is released or spilled: SMALL SPILL - Flush with large amounts of water and flush down drain. LARGE SPILL - Stop leak. Contain Spill. Remove by wet vacuum or absorbent. NOTE: Reuse spilled material if possible, otherwise place in closed labeled container and store in safe place flushing remaining | | | | | |

residue to drain. Persons performing this work should wear adequate protective clothing.

DYNA-CLEAN

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Waste Disposal Method:

Dispose of in accordance with State, Federal and Local regulations. Concerning health pollution--Normal

PROCEDURE: Skim off floating oil and grease and flush down drain or separate in automatic oil/water separator and flush down drain. Dyna-Clean is biodegradable.

Precautions to be taken in handling and storage :

Keep product from freezing

Other Precautions: Keep out of reach of children. Recommend reading entire label and material safety data sheet before using.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*):

Exposure above permissible limits --use a D/M/F filter.

Ventilation

Local Exhaust

Special

Adequate Ventilation

Mechanical (*General*) Mechanical as needed to maintain exposures below PEL limits

Protective Gloves

Wear impervious gloves and protective clothing as required.

Eye Protection

Chemical goggles recommended

Other Protective Clothing or Equipment

Shoes or Boots

Work/Hygienic Practices

Wash with soap and water after use.

Section IX - Other information

D.O.T. Description: Compounds, Cleaning Liquid, 8, NA-1760, PG III

HMIS RATING

HEALTH - 3

FLAMMABILITY - 0

REACTIVITY - 0

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