Material Safety Data Sheet

Buckeye International, Inc. N. F. P. A.  
2700 Wagner Place  
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314/291-1900


SECTION I - IDENTIFICATION

PRODUCT NAME  
BUCKEYE JUGGERNAUT

CHEMICAL FAMILY  
Floor Finish Stripper, Water Based

PROPER D.O.T. SHIPPIING NAME  
Corrosive Liquids, n.o.s., (contains Ethanolamine and Sodium Hydroxide), 8, UN 1760, PG II

D.O.T. HAZARD CLASSIFICATION  
Corrosive Material

SECTION II - INGREDIENTS AND IDENTITY INFORMATION

% By WGT  MATERIAL        PEL  T.L.V.  C.A.S. NO.
10.0  Monoethanolamine  3 ppm  3 ppm  141-43-5
7.0  Diethylene Glycol Ethyl Ether*  NE  NE  111-90-0
2.0  Sodium Metasilicate  NE  NE  6834-92-0
1.0  Sodium Hydroxide  2mg/m³  2mg/m³  1310-73-2
>44.0  Water  NE  NE  7732-18-5
<15.0  Benzyl Alcohol  NE  NE  100-51-6
<7.0  Ethylene Glycol Phenol Ether  NE  NE  122-99-6
<5.0  Octanoic Acid  NE  NE  124-07-2
<5.0  Sodium Xylene Sulfonate  NE  NE  1300-72-7
<3.0  Alpha Olefin Sulfonate  NE  NE  68784-79-2
<1.0  Additives less than 1%  NA  NA  NA

ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

SECTION III - PHYSICAL DATA

BOILING POINT °F  212°F  
SOLUBILITY IN WATER  Infinite  
% VOLATILE BY WEIGHT  93.0  
SPECIFIC GRAVITY  1.05  
APPEARANCE AND ODOR  Clear Purple Solution; Mild

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (Test Method)  Tag Closed Cup: None!  FLAMMABLE LIMITS
EXTINGUISHING MEDIA  NA  UPPER LIMIT: NA  LOWER LIMIT: NA
SPECIAL FIRE FIGHTING PROCEDURES  Wear alkali resistant clothing.


SECTION V - REACTIVITY DATA

STABILITY  Stable  
CONDITIONS TO AVOID  None known.
INCOMPATIBILITY  Do not mix with chlorine bleach or acids.
HAZARDOUS DECOMPOSITION PRODUCTS  None known.
HAZARDOUS POLYMERIZATION  Will not occur.
SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:  INHALATION? No  SKIN? Yes  INGESTION? Yes

HEALTH HAZARDS (Acute and Chronic)
- Corrosive. Will cause burns to eyes and skin.
- Harmful or fatal if swallowed.

CARCINOGENICITY:  NTP? No  IARC MONOGRAPHS? No  OSHA REGULATED? No

SIGNs AND SYMPTOMS OF OVEREXPOSURE
- For Eyes: Redness or burning sensation.
- For Skin: Redness of skin or a warming sensation.
- For Ingestion: Nausea, headache.

MEDICAL CONDITIONS
- Dermatitis. Can cause defatting of skin tissue.

EMERGENCY AND FIRST AID PROCEDURES
- For Eyes: Flush with cool water for 15 minutes. See physician.
- For Skin: Flush with water for 15 minutes. If irritation occurs and persists, see physician.
- For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician immediately!
- Never give anything by mouth to an unconscious person.

SECTION VII - SPILL OR LEAK PROCEDURES

SPILL RESPONSE
- Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

WASTE DISPOSAL METHOD
- Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.

SECTION VIII - SPECIAL PROTECTION INFORMATION

EYE PROTECTION
- Wear safety glasses or chemical splash goggles.

VENTILATION
- Normal room ventilation.

SKIN PROTECTION
- Rubber gloves or other impervious gloves.

RESPIRATORY PROTECTION
- None required.

OTHER Protection
- Wear water or chemical resistant footwear when scrubbing floors.
- Follow good personal hygiene practices.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN HANDLING AND STORAGE
- KEEP OUT OF REACH OF CHILDREN!
- Store at room temperature.
- Keep container closed when not in use. Store away from acids.
- Store on low shelves. Rinse container before discarding.

OTHER PRECAUTIONS
- This product is not regulated under CERCLA. This product is not regulated under RCRA when product label and MSDS spill directions are followed. If more than 10,000 lbs. is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an immediate health hazard. Product produced under one or more of the following U.S. Patents: 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,585,341 and 5,849,682. Other patents pending.

PREPARED BY: Mark Gindling, Director of Research

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