

**Buckeye International, Inc.**

2700 Wagner Place
 Maryland Heights, MO 63043
 314/291-1900

N. F. P. A.

4 = Extreme
 3 = High
 2 = Moderate
 1 = Slight
 0 = Insignificant

| | | |
|--|------------|----------|
| | HEALTH | 3 |
| | FIRE | 0 |
| | REACTIVITY | 0 |

Material Safety Data Sheet

24 Hour Medical Emergency Telephone Number: 1-800-303-0441. Outside North America call : 651-632-8956.

24 Hour Transportation Emergency Telephone Number: 1-800-535-5053. Outside North America call : 352-323-3500.

| SECTION I - IDENTIFICATION | | | | |
|---|---|----------------------------|-----------------------------|-----------------|
| PRODUCT NAME | | | DATE PREPARED | |
| BUCKEYE TERMINATOR | | | April 1, 2005 | |
| CHEMICAL FAMILY | | | CODE | |
| Cleaner Disinfectant, Water Based | | | 5099 | |
| PROPER D.O.T. | | | | |
| SHIPPING NAME | | | Disinfectant, Liquid, NOIBN | |
| D.O.T. HAZARD | | | | |
| CLASSIFICATION | | | None | |
| SECTION II - INGREDIENTS AND IDENTITY INFORMATION | | | | |
| % By WGT | MATERIAL | PEL | T.L.V. | C.A.S. NO. |
| 5.5 | Blend of n-Alkyl Dimethyl Benzyl and | NE | NE | 68424-85-1 |
| | Di-n-alkyl Dimethyl Ammonium Chlorides | NE | NE | 68424-95-3 |
| >87.5 | Soft Water | NE | NE | 7732-18-5 |
| <3.0 | Tetrasodium Ethylenediamine Tetraacetate | NE | NE | 64-02-8 |
| <3.0 | Alkyloxypolyethyleneoxyethanol | NE | NE | 84133-50-6 |
| <1.0 | Perfume, coloring and 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 | pH (CONC.) | | 12.0 ± 0.2 |
| SOLUBILITY IN WATER | Infinite | pH (USE DILUTION) 1:64 | | 10.0 ± 0.2 |
| % VOLATILE BY WEIGHT | 89.5% | EVAPORATION RATE (Water=1) | | 1.0 |
| SPECIFIC GRAVITY | 1.01 | PRODUCT FORM | | Liquid |
| APPEARANCE AND ODOR | Clear Green Solution, Mild Odor | | | |
| 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 | None | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | Products of combustion. Oxides of carbon and nitrogen. | | | |
| SECTION V - REACTIVITY DATA | | | | |
| STABILITY | Stable | | | |
| CONDITIONS TO AVOID | None known. | | | |
| INCOMPATIBILITY | Do not mix with chlorine bleach or anionic detergents. | | | |
| 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. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. | | | |
| CARCINOGENICITY: | NTP? No | IARC MONOGRAPHS? No | OSHA REGULATED? No |
| SIGNS AND SYMPTOMS OF OVEREXPOSURE | | | |
| For Eyes: Redness or burning sensation. | | For Ingestion: Headache, nausea. | |
| For Skin: Redness of skin or a warming sensation. | | | |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE | | | |
| Dermatitis. | | | |
| EMERGENCY AND FIRST AID PROCEDURES: | | | |
| Call a poison control center or doctor for treatment advice. | | | |
| For Eyes and Skin: Rinse eyes or skin with plenty of water for 15 - 20 minutes. | | | |
| For Ingestion: Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. | | | |
| Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. | | | |
| 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 | | VENTILATION | |
| Wear safety glasses or chemical splash goggles. | | Normal room ventilation. | |
| SKIN PROTECTION | Rubber gloves and protective clothing. | RESPIRATORY PROTECTION | None required. |
| OTHER PROTECTION | | | |
| Wear water or chemical resistant footwear when scrubbing floors. | | | |
| Wash thoroughly with soap and water after handling. | | | |
| Remove contaminated clothing and wash clothing before reuse. | | | |
| SECTION IX - SPECIAL PRECAUTIONS | | | |
| PRECAUTIONS IN HANDLING AND STORAGE | | KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. Rinse container before discarding. | |
| OTHER PRECAUTIONS | | Avoid food contamination This product is not regulated under CERCLA or RCRA. | |
| NA = Not Applicable NE = Not Established | | 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. | |
| PREPARED BY: | | Mark Gindling, Director of Research | |
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