

73-5014-1300



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 | 2 |
| | FLAMMABILITY | 0 |
| | INSTABILITY | 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 | BUCKEYE RAM | DATE PREPARED | June 2, 2008 |
| CHEMICAL FAMILY | Heavy Duty Cleaner Degreaser, Water Based | CODE | 5014 |
| PROPER D.O.T. | | | |
| SHIPPING NAME | Compound, Cleaning, Liquid | | |
| D.O.T. HAZARD | | | |
| CLASSIFICATION | None | | |

SECTION II - INGREDIENTS AND IDENTITY INFORMATION

| % By WGT | MATERIAL | PEL | T.L.V. | C.A.S. NO. |
|----------|-------------------------------------|-----|--------|------------|
| 2.0 | Sodium Metasilicate Anhydrous | NE | NE | 6834-92-0 |
| >83.0 | Soft Water | NE | NE | 7732-18-5 |
| <7.0 | Linear Primary Alcohol Ethoxylate | NE | NE | 34398-01-1 |
| <5.0 | Sodium Xylene Sulfonate | NE | NE | 1300-72-7 |
| <3.0 | 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.) | 12.6 ± 0.2 |
| SOLUBILITY IN WATER | Infinite | 1:10 Dilution (pH 7 DI Water) | 11.8 ± 0.2 |
| % VOLATILE BY WEIGHT | 90.0 | EVAPORATION RATE (Water=1) | 1.0 |
| SPECIFIC GRAVITY | 1.03 | PRODUCT FORM | Liquid |
| APPEARANCE AND ODOR | Clear Green Solution; No Scent - No Perfume Added | | |

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 | Oxides of carbon, silicon, and nitrogen.

SECTION V - REACTIVITY DATA

| | |
|----------------------------------|----------------------------------|
| STABILITY | Stable |
| CONDITIONS TO AVOID | None determined. |
| INCOMPATIBILITY | Do not mix with chlorine bleach. |
| HAZARDOUS DECOMPOSITION PRODUCTS | None known. |
| HAZARDOUS POLYMERIZATION | Will not occur. |

SECTION VI - HEALTH HAZARD DATA

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

HEALTH HAZARDS (Acute and Chronic)

Will cause severe eye and slight skin irritation.

Not toxic by ingestion.

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.

MEDICAL CONDITIONS**GENERALLY AGGRAVATED BY EXPOSURE**

Dermatitis

EMERGENCY AND FIRST AID PROCEDURES

For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, 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.

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 INFORMATIONEYE PROTECTION When eye contact may occur, VENTILATION
wear safety glasses or chemical splash goggles. Normal room ventilation.SKIN Rubber gloves or other RESPIRATORY
PROTECTION impervious gloves.* PROTECTION None required.**OTHER**PROTECTION Footwear that keeps feet dry is suggested.
Wash thoroughly with soap and water after handling.
* Needed for clean up of spill or for possible prolonged skin contact.**SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS IN **KEEP OUT OF REACH OF CHILDREN!**
HANDLING AND Store at room temperature.
STORAGE Keep container closed when not in use.OTHER This product is not regulated under CERCLA. This product is not regulated under
PRECAUTIONS RCRA when product label and MSDS spill directions are followed. Not reportable
NA = Not Applicable under SARA Title III, Section 311/312.
NE = Not Established Product produced under the following U.S. patent: 6,716,804.**PREPARED BY:** Scott Maag, Director of Research**Disclaimer of Liability**

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