

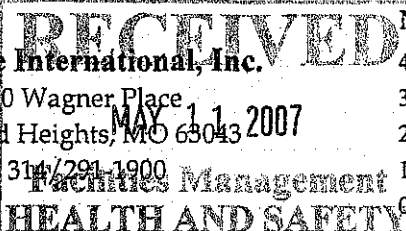


Buckeye International, Inc.

2700 Wagner Place
Maryland Heights, MO 63043

314/291-1900

Facilities Management
HEALTH AND SAFETY



N. F. P. A.

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

	HEALTH	2
	FIRE	0
	REACTIVITY	0

Material Safety Data Sheet

24 Hour Emergency Telephone Number: 1-800-228-5635 Extension: 076

Outside North America call: 618-851-8180, ext. 076

SECTION I - IDENTIFICATION

PRODUCT NAME	BUCKEYE GEL SCRUB	DATE PREPARED	July 1, 1999
CHEMICAL FAMILY	Foaming Acid Cleaner, Water Based	CODE	5220
PROPER D.O.T.	Corrosive Liquids, n.o.s., (contains Phosphoric Acid), 8, UN 1760, PG III		
SHIPPING NAME	Corrosive Liquids, n.o.s., (contains Phosphoric Acid), 8, UN 1760, PG III		
D.O.T. HAZARD	Corrosive Material		
CLASSIFICATION	Corrosive Material		

SECTION II - INGREDIENTS AND IDENTITY INFORMATION

% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
12.0	Phosphoric Acid*	1mg/m ³	1mg/m ³	7664-38-2
10.0	Ammonium Sulfate*	NE	NE	7783-20-2
>67.0	Soft Water	NE	NE	7732-18-5
<5.0	Octyl Dimethyl Amine Oxide	NE	NE	2605-78-9
<5.0	Citric Acid	NE	NE	77-92-9
<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.)	1.0±0.2
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:10	1.9±0.2
% VOLATILE BY WEIGHT	70.8	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.14	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	Clear Solution, Sassafras		

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 acid resistant clothing. Self-contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion. Oxides of carbon, phosphorus, sulfur and nitrogen.		

SECTION V - REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	Do not mix with chlorine bleach, caustics or alkali. Avoid contact with ferrous metals & Formica®.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

CODE: 5220

SECTION VI - HEALTH HAZARD DATA

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

HEALTH HAZARDS (Acute and Chronic)

Corrosive. Will cause burns to eyes. Mild skin irritant. Not toxic by ingestion.

Inhalation of mist may cause respiratory irritation.

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

For Eyes: Redness or a burning sensation. For Skin: Redness of skin or a warming sensation.

For Inhalation: Irritation of throat.

MEDICAL CONDITIONS

GENERALLY AGGRAVATED BY EXPOSURE

None known.

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. For Inhalation: Remove to fresh air.

SECTION VII - SPILL OR LEAK PROCEDURES

SPILL RESPONSE

Dilute with large amounts of water. Pick up with mops into a plastic bucket. Wash area with an alkaline

detergent, followed by a clear water rinse. 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

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.

Follow good personal hygiene practices.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN

KEEP OUT OF REACH OF CHILDREN!

HANDLING AND STORAGE

Keep container closed when not in use. Store on low shelves.

Store away from caustics and strong alkali. Store at room temperature.

Rinse container before discarding.

OTHER

PRECAUTIONS

This product is regulated under CERCLA. (RQ=5,000 lbs.)

NA = Not Applicable

This product is not regulated under RCRA when product label and MSDS spill directions are followed. If more than 10,000 pounds is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an immediate health hazard.

NE = Not Established

PREPARED BY:

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