

MATERIAL SAFETY DATA SHEET

MSDS Date: January 14, 2013

Product Code: 6014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BUCKEYE ECO MUSCLE CLEANER
PRODUCT CODE: 6014

MANUFACTURER: Buckeye International, Inc.
ADDRESS: 2700 Wagner Place
Maryland Heights, MO 63043
TELEPHONE: 011 (314) 291-1900

UK CONTACT
DAVID PINDER, EU GENERAL MANAGER
12 PASKIN CLOSE
FRADLEY VILLAGE, NR LICHFIELD
STAFFORDSHIRE, WS13 8NZ UK
011447788432884

MEDICAL EMERGENCY PHONE: 1-800-303-0441. Outside North America call: 651-632-8956.
TRANSPORTATION EMERGENCY PHONE: 1-800-535-5053. Outside North America call: 352-323-3500.

CHEMICAL FAMILY: Concentrated Spray and Wipe Cleaner, Water Based

PREPARED BY: Scott Maag, Vice President of Operations

SECTION 2: HAZARDS IDENTIFICATION

Moderate to severe eye irritant. Slight skin irritant. Not toxic by ingestion.

Classification: Xi; S2, S24/25
P262
R36/38
H316/320



The full text for all R-Phrases and S-Phrases (P and H equivalents) are displayed in Section 16

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>EC # or on List</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Soft Water	7732-18-5	>41.0	231-791-2	NE	NE
Benzyl Alcohol	100-51-6	<20.0	202-859-9	NE	NE
Ethylene Glycol Phenyl Ether	122-99-6	<20.0	204-589-7	NE	NE
Octanoic Acid	124-07-2	<10.0	204-677-5	NE	NE
Dodecylbenzene Sulfonic Acid	27176-87-0	<4.0	248-289-4	NE	NE
Sodium Hydroxide	1310-73-2	<3.0	215-185-5	NE	NE
Perfume and Additives less than 1%	NA	<2.0	NA	NA	NA

SECTION 4: FIRST AID MEASURES

EYES: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.

SKIN: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.

INGESTION: Give two large glasses of water. DO NOT induce vomiting. Call physician. Never give anything by mouth to an unconscious person.

INHALATION: NA

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: NA

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Products of combustion. Oxides of nitrogen, carbon and sulfur.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

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MSDS Date: January 14, 2013

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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: KEEP OUT OF THE REACH OF CHILDREN! Keep container closed when not in use. Store at room temperature. May damage some plastics.

OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION: Maintain adequate room ventilation.

RESPIRATORY PROTECTION: None under normal use.

EYE PROTECTION: Wear safety glasses or chemical splash goggles.

SKIN PROTECTION: Rubber gloves or other impervious gloves needed for prolonged skin contact or for clean up of spills.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NA

WORK HYGIENIC PRACTICES: User should wash hands with soap and water after handling product.

EXPOSURE GUIDELINES: NA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLAMMABLE LIMITS IN AIR, UPPER: NA
(% BY VOLUME) LOWER: NA

FLASH POINT: None

F:

C:

METHOD USED: Tag Closed Cup

AUTOIGNITION TEMPERATURE: NA

APPEARANCE: Orange/Red Solution

ODOR: None – No perfume added

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 10.4 ± 0.2

pH: (Dilution in DI Water 1:6) 10.2 ± 0.2

BOILING POINT:

F: 212°

C: 100°

FREEZING POINT:

F: 32°

C: 0°

MATERIAL SAFETY DATA SHEET
MSDS Date: January 14, 2013

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Cont.)

VAPOR PRESSURE (mmHg): 1.0
@
C: 20°
SPECIFIC GRAVITY (H₂O = 1): 1.058
@
C: 20°
EVAPORATION RATE (H₂O=1): 1.0
SOLUBILITY IN WATER: Infinite
PERCENT SOLIDS BY WEIGHT: 2.0
PERCENT VOLATILE: 98.0
BY WT/
@ C: 20°

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): None known.
INCOMPATIBILITY (MATERIAL TO AVOID): Do not mix with chlorine bleach.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID (POLYMERIZATION): NA

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None Available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None Available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Flush to sanitary sewer or send to sanitary landfill, following Local Authority requirements.
RCRA HAZARD CLASS: NA

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not Regulated	SHIPPING DISCRIPTION: Compound, Cleaning Liquid
PROPER SHIPPING NAME:	
HAZARD CLASS:	
ID NUMBER:	
PACKING GROUP:	
LABEL STATEMENT:	

WATER TRANSPORTATION: Not Regulated	SHIPPING DISCRIPTION: Compound, Cleaning Liquid
PROPER SHIPPING NAME:	
HAZARD CLASS:	
ID NUMBER:	
PACKING GROUP:	

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LABEL STATEMENTS:

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SECTION 14: TRANSPORT INFORMATION (Cont.)

AIR TRANSPORTATION: Not Regulated

SHIPPING DISCRIPTION: Compound, Cleaning Liquid

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES: NA

SECTION 15: REGULATORY INFORMATION

SECTION 15 NOTES: This preparation was classified in compliance with the following directives and regulations:

(EC) No 1272/2008 (CLP)
1999/45/EC



REACH: 'Only Representative' TSGE LLP - TSGE@TSGEurope.com

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: NA = Not Applicable or Not Available

NE = Not Established

Safety Phrases: S2 Keep out of reach of children
S24/25 – P262 Avoid contact with eyes & skin

Risk Phrases: R36 – H320 Irritating to eyes
R38 – H316 Mildly Irritating to skin

NFPA HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

PROTECTION:

PREPARATION INFORMATION:

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