



Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 12-Oct-2018

Version 2

1. IDENTIFICATION

Product identifier

Product Name Buckeye Uppercut

Other means of identification

SDS # BE-5225-CA

Product Code 5225
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Toilet Bowl Cleaner, Water Based

Uses Advised Against No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier

United States Supplier Address

Buckeye International, Inc.
2700 Wagner Place
Maryland Heights, MO 63043 USA
1-314-291-1900

24 hr Emergency telephone numbers

TRANSPORTATION - INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

MEDICAL - 1-651-632-8956 (International) 1-800-303-0441 (North America)

2. HAZARDS IDENTIFICATION

Appearance White opaque liquid

Physical state Liquid

Odour Wintergreen

Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Signal word

Danger

Hazard statements

Harmful if swallowed
 Causes skin irritation
 Causes serious eye damage

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep only in original container

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a poison centre or doctor/physician
 IF ON SKIN: Wash with plenty of water and soap
 Take off all contaminated clothing and wash it before reuse
 If skin irritation occurs: Get medical advice/attention
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth
 Absorb spillage to prevent material damage

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Urea Hydrochloride	506-89-8	30-60	-	-

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor/physician.
Skin contact	Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. Get medical attention if irritation occurs.
Inhalation	Remove to fresh air.
Ingestion	Rinse mouth. Do NOT induce vomiting. Give two glasses of water. Never give anything by mouth to an unconscious person. Immediately call a poison centre or doctor/physician.

Most important symptoms and effects, both acute and delayed

Symptoms Causes skin irritation. Causes serious eye damage. Ingestion may cause nausea and headache.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Not determined.

Specific hazards arising from the chemical Combustion products may be toxic.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NO_x).

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

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

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Keep containers closed when not in use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store at room temperature.

Incompatible materials Chlorine bleach Caustics Alkalis

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits No exposure limits noted for ingredient(s). The following information is given as general guidance.

Appropriate engineering controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/face protection Use safety glasses or chemical splash goggles.

Skin and body protection Wear rubber gloves or other impervious gloves.

Respiratory protection No protection is ordinarily required under normal conditions of use and with adequate ventilation.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	White opaque liquid
Colour	White opaque
Odour	Wintergreen
Odour Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	<1.0 (conc.) 1.1 (1:4 dilution)	
Melting point / freezing point	Not determined	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	None	Tag Closed Cup
Evaporation Rate	1.0	(n-BuAc =1)
Flammability (Solid, Gas)	Liquid-Not applicable	

Flammability Limit in Air

Upper flammability or explosive limits	Not applicable
Lower flammability or explosive limits	Not applicable
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	1.15
Water Solubility	Mostly soluble
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive properties	Not determined.
Oxidising properties	Not determined.

Other information

Softening Point	Not determined
Molecular weight	Not determined
VOC Content (%)	Not determined
Liquid Density	Not determined
Bulk density	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous Polymerisation	Hazardous polymerisation does not occur.
Conditions to Avoid	Keep separated from incompatible substances. Keep out of reach of children.
Incompatible materials	Chlorine bleach. Caustics. Alkalis.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Eye contact	Causes serious eye damage.
Skin contact	Causes skin irritation.
Inhalation	Avoid breathing vapours or mists.
Ingestion	Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.
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Acute toxicity**Unknown acute toxicity** No information available**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Methyl salicylate 119-36-8	= 887 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**12. ECOLOGICAL INFORMATION****Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methyl salicylate 119-36-8	-	-	-	50: 24 h Daphnia magna mg/L EC50

Persistence/Degradability No information available.**Bioaccumulation** No information available.**Other Adverse Effects** No information available.**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.**Contaminated packaging** Do not reuse empty containers.**14. TRANSPORT INFORMATION****Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances**DOT** Not regulated if shipped in non-aluminum containers (49 CFR 173.154 (d))

TDG

UN/ID No UN1760
 Proper Shipping Name Corrosive liquid, n.o.s. (contains Urea monohydrochloride)
 Hazard class 8
 Packing Group III

IATA

UN number UN1760
 Proper Shipping Name Corrosive liquid, n.o.s. (contains Urea monohydrochloride)
 Transport hazard class(es) 8
 Packing Group III

IMDG

UN number UN1760
 Proper Shipping Name Corrosive liquid, n.o.s. (contains Urea monohydrochloride)
 Transport hazard class(es) 8
 Packing Group III

15. REGULATORY INFORMATION

REGULATORY INFORMATION**International Regulations**

Ozone-depleting substances (ODS) Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

Chemical name	TSCA	DSL/NDL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Urea Hydrochloride	X	X	X		X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health Hazards 3	Flammability 0	Instability 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards Not determined	Flammability Not determined	Physical hazards Not determined	Personal Protection Not determined

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation
Issue Date:	27-Dec-2011

Revision Date: 12-Oct-2018

Revision Note: Regulatory update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet