

Whyte Gate, Inc.

SAFETY DATA SHEET

Issuing Date: February 22, 2016

Revision Date: February 22, 2016

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Carsten's Chart Cleaner

Other Means of Identification

Product Code Carsten's Chart Cleaner

Recommended use of the chemical and restrictions on use

Chart Cleaner

No restrictions known

Details of the Supplier of the Safety Data Sheet

Supplier Address

Whyte Gate, Inc.
400 South Curran Road
Grayslake, IL 60030

Emergency Telephone Number

Company Phone Number 847-201-7000
Emergency Telephone 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION

Classification

Skin Corrosion/Irritation	Yes
Eye Damage/Irritation	Yes
Hazards to Aquatic Environment- Acute	Not Determined

Signal Word

Caution: May cause eye and skin irritation.

Hazard Statements

Causes Eye and Skin Irritation.



Physical State Liquid

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Precautionary Statements - Prevention

If medical advice is needed, have proper label at hand.
Keep out of reach of children.
Read label before use.
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor/physician if irritation develops.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Ingestion: Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor immediately.

Inhalation: Remove to fresh air.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other Hazards

None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
2-Butoxy Ethanol	111-76-2	1-4%

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.
Ingestion	Rinse out mouth. Call a POISON CENTER or doctor/physician immediately.
Skin Contact	Wash with plenty of soap and water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Exposed individuals may experience eye tearing, redness, and discomfort.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians

Treat symptomatically.

5. FIRE-FIGHTING 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

Non-flammable.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions

See Section 12 for additional ecological information.

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

Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

Strong acids and reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2 Butoxy Ethanol	20 ppm	50 ppm	5 ppm

Appropriate Engineering Controls

Engineering Controls Provide adequate ventilation. Eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

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	Odor	Pleasant
Appearance	Clear Liquid	Odor Threshold	Not determined
Color	Light Purple		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	RTU – 10-11	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Non-flammable	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.02-1.1	
Water Solubility	Soluble in water	
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 an explosive	
Oxidizing Properties	Not determined	

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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.

Conditions to Avoid

Keep out of reach of children. Store in a cool, dry place away from acids and reducing agents.

Incompatible Materials

Strong reducing agents and acids.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation Avoid breathing

vapors or mists.

Eye Contact Causes eye

irritation

Skin Contact Causes skin

irritation.

Ingestion Do not taste or

swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-butoxy Ethanol	560mg/kg Rat	400 mg/kg Rabbit	450 ppm Rat 4 hours

Information on Physical, Chemical and Toxicological Effects

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Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity

Carcinogenic potential is unknown.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not Determined

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not Determined.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

~~Cleaning Compounds – Non-Hazardous~~

15 REGULATORY INFORMATION

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International Inventories

Not Determined

US Federal Regulations

SARA 313

Not determined

CERCLA

Not determined

US State Regulations

U.S. State Right-to-Know Regulations

None Known

16. OTHER INFORMATION

Issue Date	22-Feb-16
Revision Date	22-Feb-16
Revision Note	New format

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.