

# SAFETY DATA SHEET

## SECTION 1 PRODUCT and COMPANY INFORMATION


TRADE NAME: **Castle® BEADS™**

PRODUCT TYPE: Rinse Agent

PRODUCT CODE: C62128, C6205-Q

MANUFACTURED FOR: Castle Products, Inc.  
424 St. Paul Street  
Rochester, NY 14605  
(800) 876-0222  
EMERGENCY (585) 275-3232

## SECTION 2 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:  WARNING: Combustible Liquid. Causes eye irritation. May be harmful if swallowed, in contact with skin or inhaled.  
Keep out of reach of children.

POTENTIAL HEALTH EFFECTS: Eyes: Causes irritation.  
Skin: May cause irritation.  
Inhalation: May be Irritating to mucous membranes.  
Ingestion: May be harmful if swallowed. Do not ingest.

## SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	%
Hydrotreated Middle Petroleum Distillates	64742-46-7	<5%
Quaternary Ammonium Compounds	61789-77-3	<5%
2-Butoxyethanol	111-76-2	<1%
Isopropanol	67-63-0	<1%
Proprietary Surfactant Blend	Proprietary	<1%

## SECTION 4 FIRST AID MEASURES

First Aid Procedures:

Eye contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician if irritation persists.

Skin contact: For skin contact flush with large amounts of water. Call a physician if irritation persists.

Inhalation: Immediately remove from further exposure. Give supplemental oxygen, if breathing is difficult. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

Ingestion: IF SWALLOWED: Do NOT induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Call a physician if you feel unwell.

Note to physician: If the product is ingested, treat the affected person symptomatically.

## SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: >180°F (>82°C) LOWER EXPLOSIVE LIMIT: ND UPPER EXPLOSIVE LIMIT: ND

EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Appropriate for surrounding fire.

UNUSUAL FIRE & EXPLOSION HAZARDS: None

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

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate spaces before entering.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

Methods for containment: Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up: Eliminate ignition sources including sources of electrical, static or frictional sparks. Wear appropriate protective equipment and clothing during clean-up.

Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for disposal.

Large Spills: A large spill is not likely to occur.

## SECTION 7 HANDLING AND STORAGE

Handling: Avoid breathing mist. Avoid contact with skin and eyes. Wear suitable protective clothing. Wash hands after handling.  
Storage: Keep from freezing. Keep containers tightly closed.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits: NE

Engineering controls: Maintain adequate local exhaust ventilation.

Personal protective equipment:

Gloves: Not normally required.

Eye/Face Protection: Wear safety glasses or goggles.

Skin Protection: Wear clothing suited to the task being performed.

Respiratory Protection: Not normally required if good ventilation is maintained.

## SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE:	Pink Liquid	ODOR:	Cherry Scent
ODOR THRESHOLD:	NA	pH:	5-8
MELTING/FREEZING POINT:	Approx. 32°F (0°C)	BOILING POINT:	Approx. 212°F (100°C)
BOILING RANGE:	NA	FLASH POINT:	>180°F (>82°C)
EVAPORATION RATE (Butyl Acetate=1):	ND	FLAMMABILITY (solid, gas):	Combustible
UPPER EXPLOSIVE LIMIT:	NA	LOWER EXPLOSIVE LIMIT:	NA
VAPOR PRESSURE:	ND	VAPOR DENSITY (air=1):	NA
RELATIVE DENSITY: (H <sub>2</sub> O=1):	1	SOLUBILITY IN WATER:	Completely Soluble
PARTITION COEFFICIENT (n-octanol/water):	NA	AUTOIGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA	VISCOSITY:	ND
PERCENT VOLATILE BY VOL %:	90-100%		

## SECTION 10 STABILITY and REACTIVITY DATA

STABILITY: Stable under normal conditions.

INCOMPATIBILITY (material to avoid): Oxidizing and Reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Hydrocarbon fumes and smoke.

HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

Components Test Results: No data available.

Carcinogenicity: ACGIH classifies 2-Butoxyethanol (CAS# 111-76-2) as a confirmed animal carcinogen with unknown relevance to humans; Group A3. This product contains no other ingredients considered to be carcinogenic by IARC, ACGIH, NTP, or OSHA.

## SECTION 12 ECOLOGICAL INFORMATION

No Data Available.

## SECTION 13 DISPOSAL CONSIDERATIONS

Disposal instructions: Dispose according to all applicable Federal, State, and Local regulations.

## SECTION 14 TRANSPORT INFORMATION

This product is considered Non-Hazardous in all modes of transportation. Therefore, this product does not require classification by DOT, IATA, ICAO or IMDG.

DOT Classification: Consumer Commodity ORM-D, or Limited Quantity.

## SECTION 15 REGULATORY INFORMATION

US federal regulations: All components are listed in the United States TSCA Regulations.

CERCLA (Superfund) reportable quantity: None

SARA (Superfund Amendments and Reauthorization Act of 1986):

313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: No

Canada: This Product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

## SECTION 16 OTHER INFORMATION

Further information: (HMIS<sup>®</sup> is a registered trade and service mark of the NPCA.)

HMIS <sup>®</sup> ratings	Health: 1
	Flammability: 0
	Physical hazard: 0
NFPA ratings	Health: 1
	Flammability: 0
	Instability: 0

Other: NA-Not Applicable, ND-Not Determined, NE-Not Established.

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PREPARED: 05/17/2016

UPDATED: New SDS

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