

Issue Date: 10-Jun-2015

Revision Date: 28-May-2015

Version 2

1. IDENTIFICATION

Product Identifier

Product Name United 218 X-CAVATE

Other means of identification

SDS # UNITED-218

Recommended use of the chemical and restrictions on use

Recommended Use Caustic Drain Maintainer and Opener
Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Orange Pearls

Physical State Solid Beads

Odor Lemon scent

Classification

Skin corrosion/irritation	Category 1A
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage.
May be harmful if inhaled.



Precautionary Statements - Prevention

Keep only in original container.
 Do not breathe/dust/fume/gas/mist/vapors/spray.
 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

Immediately call a poison center or doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Precautionary Statements - Storage

Store according to local rules and regulations.

Precautionary Statements - Disposal

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

Potential Health Effects

EYES: Contact causes severe eye irritation.
 SKIN: Corrosive causes skin burning.
 INGESTION: Toxic if swallowed.
 INHALATION: Over exposure can be toxic.

3. COMPOSITION/INFORMATION ON INGREDIENTS
--

Chemical Name	Wt.%	CAS NO
Sodium Hydroxide	<65	1310-73-2

4. FIRST-AID MEASURES

First Aid Measures

Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
Skin	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician. Remove and wash contaminated clothing before re-use.
Inhalation	If breathing, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Flammable Class

Product does not burn.

Suitable Extinguishing Media

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

Fire Fighting Equipment

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

Sensitive to Static Discharge

None

Sensitivity to Impact

None

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****General Procedures**

No action should be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

Special Protective Equipment

Avoid breathing vapors and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Components (29 CFR1910. 1200)					
				Exposure Limits	
				OSHA PEL	
				Supplier OEL	
Chemical Name				Ppm	Mg/m ³
Sodium Hydroxide		TWA			2
		STEL			
				NL	NL
				NL	NL

Engineering Controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal Protective Equipment

Eyes and Face: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dust.

Skin: Personal protective equipment or the body should be selected based on the task being performed and the risks involve and should be approved by a specialist before handling this product.

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Work Hygienic Practices:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Other Use Precautions:

Facilities storing or utilizing this material or any chemical should be equipped with an eyewash and safety shower. Always wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Lemon scent
Appearance	Orange pearls	Odor Threshold	Not determined
Color	Orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	13-14	
Flash Point and Method	NA	
Flammable Limits	No data available	
Autoignition Temperature	No data available	
Vapor Pressure	No data available	
Vapor Density	1.38 (Air = 1)	
Boiling Point	No data available	
Freezing Point	No data available	
Melting Point	318°C (604°F) lit.	
Pour Point	NA	
Thermal Decomposition	No data available	
Solubility in Water	1260 g/l at 20°C (68°)	
Evaporation Rate	No data available	
Specific Gravity	2.13 g/cm ² .13 g/cm ³	
Viscosity	No data available	
Oxidizing Properties	No data available	
VOC Content	None	

10. STABILITY AND REACTIVITY

Stable

Yes

Hazardous Polymerization

No

Stability

Stable under recommended storage conditions.

Polymerization

None

Conditions to Avoid

No data available

Possibility of Hazardous Reactions

No data available

Hazardous Decomposition Products

No data available

Incompatible Materials

Strong oxidizing agents, Strong acids, Organic materials

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact Causes severe skin burns.

Chronic No data available

Subchronic No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Repeated Dose Effects No data available

Sensitization Will not occur.

Neurotoxicity No data available

Genetic Effects No data available

Reproductive Effects No data available

Target Organs No data available

Teratogenic Effects No data available

Mutagenicity No data available

Synergistic Materials No data available

12. ECOLOGICAL INFORMATION

General Comments Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

13. DISPOSAL CONSIDERATIONS

Disposal Method	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Empty Container	Do not re-use empty containers.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Product packaged in packaging not over 1.0L (0.3 gallon) for DOT moves as Consumer Commodity, ORM-D.

DOT

UN/ID No	UN1759
Proper Shipping Name	Corrosive solids, N.O.S. (Contains: Sodium Hydroxide)
Hazard Class	8
Packing Group	II

IATA

UN/ID No	Please contact manufacturer for most current information.
Proper Shipping Name	
Hazard Class	
Packing Group	

IMDG

UN/ID No	Please contact manufacturer for most current information.
Proper Shipping Name	
Hazard Class	
Packing Group	

15. REGULATORY INFORMATION

United States

SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Acute Health Hazard

313 Reportable Ingredients: 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.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	< 65	1,000

TCSA (Toxic Substance Control Act)

Chemical Name	CAS
Sodium Hydroxide	1310-73-2

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Clean Water Act: Sodium Hydroxide

16. OTHER INFORMATION

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

Issue Date: 10-Jun-2013
Revision Date: 28-May-2015
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 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