SAFETY DATA SHEET

Date Prepared : 5/22/2015
SDS No : DynOmite_SDS

DynOmite

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DynOmite
GENERAL USE: Mainline Sewer Maintainer
PRODUCT CODE: K10-50080

MANUFACTURER

Ultra-Chem Inc.
8043 Flint
Lenexa, KS 66214
Emergency Phone: 913-492-2929
Customer Service: 800-451-0726
Transportation: 800-535-5053

24 HR. EMERGENCY TELEPHONE NUMBERS

Infotrac 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 1A
Serious Eye Damage, Category 1

GHS LABEL

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
H305: May be harmful if swallowed and enters airways.

PRECAUTIONARY STATEMENTS

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314: Get medical advice/attention if you feel unwell.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydroxide	< 75	1310-73-2
Sodium Nitrate	> 25	7631-99-4

4. 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.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathing, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical. Do not use water. Water will heat up mixture.

OTHER CONSIDERATIONS: Addition of water to this compound will generate heat and hydrogen gas. Product contains oxidizers.

FIRE FIGHTING PROCEDURES: Move containers from fire if possible without risk. Cool tightly closed container with water from the side until well after fire is out. Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Runoff may be corrosive. Contain and isolate runoff for proper disposal.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Ventilate area. Contain spill and remove all sources of moisture. Sweep up spilled material and place in a properly labeled closed container for re-use or disposal.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

GENERAL PROCEDURES: No action should be taken involving and 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. put on appropriate personal protective equipment.

7. HANDLING AND STORAGE

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.

STORAGE: 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. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		Supplier OEL	
Chemical Name		**ppm**	**mg/m³**	**ppm**	**mg/m³**
Sodium Hydroxide	**TWA**		2	NL	NL
	STEL			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 dusts. Recommended: splash goggles with the use of any liquid products.

SKIN: Personal protective equipment for the body should be selected based on the task being performed and the risks involved 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.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid / Beads

ODOR: Typical

APPEARANCE: Colored Pearls

pH: 13 to 14

PERCENT VOLATILE: No data available

FLASH POINT AND METHOD: No data available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

BOILING POINT: NA = Not Applicable

FREEZING POINT: NA = Not Applicable

MELTING POINT: No data available

THERMAL DECOMPOSITION: No data available

SOLUBILITY IN WATER: Completely soluble

SPECIFIC GRAVITY: No data available

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Moisture

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce flammable hydrogen gas upon wetting.

INCOMPATIBLE MATERIALS: Acids, reducing agents, water. Product will generate large amounts of heat when wetted.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes serious eye irritation.

SKIN EFFECTS: 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

IRRITATION: Severe irritant to eyes and skin.

CORROSIVITY: Severely corrosive to skin and eyes.

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 the material 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

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Solids, N.O.S.

TECHNICAL NAME: (Contains: Sodium Hydroxide)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1759

PACKING GROUP: II

LABEL: Corrosive

OTHER SHIPPING INFORMATION: All products offered for domestic ground transportation that meet the following Exceptions for Class 8 (corrosive materials) will be packaged and shipped as "Limited Qty".

(1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For corrosive materials in Packing Group III, inner packagings not over 5.0 L (1.3 gallon) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

Corrosive


Limited Quantity Ground

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	< 75	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Hydroxide	1310-73-2
Sodium Nitrate	7631-99-4

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

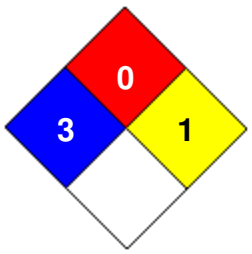
16. OTHER INFORMATION

PREPARED BY: KH **Date Prepared:** 5/22/2015

HMIS RATING

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	C

NFPA CODES



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