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Safety Data Sheet

Issue Date: 13-Feb-2017

Revision Date: 21-Apr-2022

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Hydro 2 Concentrated Leak Tracer

Other means of identification

SDS # AGC-270

Product Code Hydro 2

Other Information Package type: 1 gal bottle, 5 gallon pail and 55 gallon drums.

Recommended use of the chemical and restrictions on use

Recommended Use Leak Detection Concentrate

Details of the supplier of the safety data sheet

Manufacturer Address

AMERICAN GAS & CHEMICAL COMPANY, LTD
 220 Pegasus Avenue
 Northvale NJ 07647

Emergency Telephone Number

Company Phone Number Phone: 201-767-7300
 Fax: 201-767-1741
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear Colorless Liquid
Classification

Physical State Liquid

Odor Caustic Odor

Skin Irritant	Category 2
Eye Irritant	Category 2A

Signal Word

Warning

Hazard Statements

Causes skin irritation.
 Causes serious eye irritation



Precautionary Statements - Prevention

Wear protective gloves, eye protection.
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention.
 Wash exposed skin thoroughly after handling.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.

Precautionary Statements - Disposal

Dispose of contents/container to comply with local, state and federal regulations.

Precautionary Statements - Storage

Store in safe location.

Other Hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium Carbonate, Anhydrous	497-19-8	<10

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
Skin Contact	Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
Inhalation	Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects

Symptoms	Causes skin irritation. Causes serious eye irritation.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	No additional information available
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media Do not use a heavy water stream.

Specific Hazards Arising from the Chemical

Product is not flammable or combustible. No additional information available.

Protective equipment and precautions for firefighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid direct contact with skin, eyes and clothing. Wear safety glasses, protective clothing, gloves.
For Emergency Responders	Follow applicable OSHA regulations (29 CFR 1910.120).
Environmental Precautions	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up

Methods for Containment	Absorbent such as sand, sawdust, etc. to spill area.
Methods for Clean-Up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mist, vapors, spray.

Hygiene Measures

Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container closed when not in use.

Incompatible Materials

Sources of ignition. Direct sunlight.

Incompatible Products

Strong bases. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Controls

VENTILATION: Use with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking or open lights. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Use splash goggles or face shield when contact may occur.

Skin and Body Protection

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact. Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

Respiratory Protection

If necessary use an approved respiratory with acid vapor cartridges.

General Hygiene Considerations

Wash contaminated clothing before reuse.

Other Recommendations

Provide eye wash stations, quick drench showers and washing facilities accessible to areas of use and handling. Have supplies and equipment for neutralization and running water available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Clear, colorless liquid	Odor	None
Color	Clear	Odor Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	10.6	
Melting Point/Freezing Point	0C/32°F	
Boiling Point/Boiling Range	100°C /212°F	
Flash Point	Not Flammable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limit	Not Flammable	
Lower Flammable Limit	Not Flammable	
Vapor Pressure	0.03 mmHg	
Vapor Density	Not determined	
Specific Gravity	1.05	
Water Solubility	Completely Soluble	
Soluble in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Dynamic Viscosity	Not determined	
Decomposition Temperature	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

No additional information available.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Reacts violently with acids.

Conditions to Avoid

Keep out of reach of children. Direct sunlight. Extremely high or low temperatures.

Incompatible Materials

Strong acids, Strong oxidizers.

Hazardous Decomposition Products

Fume. Carbon Monoxide. Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation.
Inhalation	Not classified
Ingestion	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity	Not classified
Aspiration hazard	Not classified

Component Information

Chemical Name	Oral LD50
Sodium Carbonate, Anhydrous 497-19-8	<=90000 mg/kg (Rat)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information Pure Substance

Chemical Name	LC50 fishes 1	EC50 Daphnia	LC50 fish 2
Sodium Carbonate, Anhydrous 497-19-8	300 mg/l	265 mg/l	740 mg/l

Persistence/Degradability

Not established

Bioaccumulation

Not established

Mobility

No additional information available

Other Adverse Effects

Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid release to the environment.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	No dangerous good in sense of transport regulations.
AIR TRANSPORT:	No additional information available.
<u>IATA</u>	No additional information available.
<u>IMDG</u>	No additional information available.

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

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

DSL/NDSL - 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

Canada

Chemical	WHMIS Classification
Sodium Carbonate, Anhydrous 497-19-8	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

EU-Regulations

No additional information available.

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

U.S. State Right-to-Know Regulations

No additional information available

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B- Safety Glasses, Gloves

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End of Safety Data Sheet