



**american gas & chemical co. ltd.**  
 220 PEGASUS AVE  
 NORTHVALE, NEW JERSEY 07647  
 201-767-7300..FAX 201-767-1741

# Safety Data Sheet

Issue Date: 02-Feb-2004

Revision Date: 21-Apr-2022

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Lipophilic Emulsifier Type I Method B

### Other means of identification

**SDS #** AGC-025

**Product Code** AG-FL

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

### Recommended use of the chemical and restrictions on use

**Recommended Use** Lipophilic Emulsifier for Leak Detection.

### 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 red liquid

**Physical State** Liquid

**Odor** Slight, Mild

### Classification

Skin sensitization

Category 1

### Signal Word

**Warning**

### Hazard Statements

May cause an allergic skin reaction



### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves

### Precautionary Statements - Response

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

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name               | CAS No     | Weight-% |
|-----------------------------|------------|----------|
| Alcohols, C11-15, secondary | 68131-40-8 | 45       |

#### 4. FIRST-AID MEASURES

##### First Aid Measures

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician.   |
| <b>Skin Contact</b>   | In case of contact, wash skin thoroughly with soap and water. Remove any contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| <b>Inhalation</b>     | Remove to fresh air.   |
| <b>Ingestion</b>      | Drink two glasses of water and induce vomiting. Call a physician.  |

##### Most important symptoms and effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause temporary reddening of the skin. Causes irritation with possible moderate corneal injury. May cause nausea. |
|-----------------|---|

##### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use water spray, CO<sub>2</sub>, dry chemical, alcohol type or universal type foams applied by manufacturers recommended technique.

|                                       |   |
|---------------------------------------|---|
| <b>Unsuitable Extinguishing Media</b> | Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. |
|---------------------------------------|---|

##### Specific Hazards Arising from the Chemical

May cause sensitization by inhalation and skin contact.

##### 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. Cool exposed containers with water spray. Avoid breathing vapor or fumes.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

|                             |   |
|-----------------------------|---|
| <b>Personal Precautions</b> | Remove all ignition sources. Recover free liquid. Ventilate confined spaces. At very low concentrations (less than 10 ppm), this material can be biodegraded in a biological wastewater treatment plant; at higher concentrations, it causes severe foaming problems. |
|-----------------------------|---|

|                                 |   |
|---------------------------------|---|
| <b>For Emergency Responders</b> | Follow applicable OSHA regulations (29 CFR 1910.120). |
|---------------------------------|---|

|                                  |  |
|----------------------------------|--|
| <b>Environmental Precautions</b> | This product is highly toxic to fish. Avoid discharge to natural waters. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. |
|----------------------------------|--|

##### Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Absorb with appropriate inert material such as sand, clay, etc. |
|--------------------------------|---|

|                             |  |
|-----------------------------|--|
| <b>Methods for Clean-Up</b> | Sweep up absorbed material and shovel into suitable containers for disposal. Large spills may be picked up by using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. |
|-----------------------------|--|

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing. |
|--------------------------------|---|

##### Conditions for safe storage, including any incompatibilities

|                               |   |
|-------------------------------|---|
| <b>Storage Conditions</b>     | Keep container tightly closed and store in a cool, dry and well-ventilated place. |
| <b>Incompatible Materials</b> | Strong oxidizing agents.  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Appropriate engineering controls

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Impervious rubber gloves.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                     |                      |                         |                |
|-------------------------------------|----------------------|-------------------------|----------------|
| <b>Physical State</b>               | Liquid               |                         |                |
| <b>Appearance</b>                   | Clear red liquid     | <b>Odor</b>             | Slight, Mild   |
| <b>Color</b>                        | Clear red            | <b>Odor Threshold</b>   | Not determined |
| <b>Property</b>                     | <b>Values</b>        | <b>Remarks • Method</b> |                |
| pH                                  | 7.0                  |                         |                |
| <b>Melting Point/Freezing Point</b> | Not determined       |                         |                |
| <b>Boiling Point/Boiling Range</b>  | 102.77°C / 217°F     |                         |                |
| <b>Flash Point</b>                  | 195°C / 383°F        | (ASTM D-93 / PMCC)      |                |
| <b>Evaporation Rate</b>             | <1.0                 | (butyl acetate = 1)     |                |
| <b>Flammability (Solid, Gas)</b>    | Not determined       |                         |                |
| <b>Upper Flammability Limits</b>    | Not determined       |                         |                |
| <b>Lower Flammability Limit</b>     | Not determined       |                         |                |
| <b>Vapor Pressure</b>               | 6.0 mm Hg            | @68°F (20°C)            |                |
| <b>Vapor Density</b>                | >1                   | (Air=1)                 |                |
| <b>Specific Gravity</b>             | 0.99                 |                         |                |
| <b>Water Solubility</b>             | Soluble in water     |                         |                |
| <b>Solubility in other solvents</b> | Not determined       |                         |                |
| <b>Partition Coefficient</b>        | Not determined       |                         |                |
| <b>Auto-ignition Temperature</b>    | Not determined       |                         |                |
| <b>Decomposition Temperature</b>    | Not determined       |                         |                |
| <b>Kinematic Viscosity</b>          | Not determined       |                         |                |
| <b>Dynamic Viscosity</b>            | Not determined       |                         |                |
| <b>Explosive Properties</b>         | Not determined       |                         |                |
| <b>Oxidizing Properties</b>         | Not determined       |                         |                |
| <b>Additional Information</b>       | Percent Volatile: 60 |                         |                |

## 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.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Burning can produce CO and/or CO<sub>2</sub>.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | May cause temporary irritation on eye contact. |
| <b>Skin Contact</b> | May cause an allergic skin reaction.           |
| <b>Inhalation</b>   | May cause irritation if inhaled.               |
| <b>Ingestion</b>    | May cause discomfort if swallowed.             |

### Component Information

| Chemical Name                          | Oral LD50          | Dermal LD50             | Inhalation LC50 |
|--|--------------------|-------------------------|-----------------|
| Alcohols, C11-15, secondary 68131-40-8 | = 32 mL/kg ( Rat ) | = 5660 µL/kg ( Rabbit ) | -               |

### Information on physical, chemical and toxicological effects

**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

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A1 - Known Human Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*NTP (National Toxicology Program)*

*Known - Known Carcinogen*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

### Numerical measures of toxicity

Not determined

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Component Information

#### Persistence/Degradability

Not determined.

#### Bioaccumulation

Not determined.

#### Mobility

#### 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.

### California Hazardous Waste Status

## 14. TRANSPORT INFORMATION

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

## 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*

### US Federal Regulations

#### CERCLA

#### SARA 313

#### CWA (Clean Water Act)

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

## 16. OTHER INFORMATION

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

**Issue Date:** 02-Feb-2004  
**Revision Date:** 21-Apr-2022  
**Revision Note:** 3-Year Update

#### Disclaimer

Information in the SDS is provided in good faith, but we assume no liability for its use or misuse. It is furnished without any warranty of merchantability or any other warranty, express or implied. We shall not be liable for any claims, losses or damages of any vendee or third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however they arise. Users must make their own investigations to determine suitability.

**End of Safety Data Sheet**