



american gas & chemical co. ltd.

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# Safety Data Sheet

Issue Date: 1-Mar-2016

Revision Date: 21-Apr-2022

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** DA-101 Depudding Agent

### Other means of identification

**SDS #** AGC-258

**Product Code** DA-101

**Other Information** Package type: Gallons, Drums

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

**Recommended Use** Water based dye cleaner

### 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** Opaque Liquid

**Physical State** Liquid

**Odor** Slight, Mild

### Classification

|                    |            |
|--------------------|------------|
| Skin irritation    | Category 2 |
| Serious eye damage | Category 1 |

### Signal Word

**Danger**

### Hazard Statements

Causes skin irritation.

Causes serious eye damage.



### Precautionary Statements - Prevention

Wash skin thoroughly after handling.

Wear eye protection / face protection.

Wear protective gloves.

### Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/ physician.

If skin irritation occurs: Get medical advice / attention.

Take off contaminated clothing and wash before reuse.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                           | CAS No      | Weight-% |
|---|-------------|----------|
| Alcohols, C12-14, secondary ethoxylated | 84133-50-6  | <97      |
| Poly(ethylene oxide)                    | 25322-68-3  | <3.0     |
| Alcohols, C12-14-secondary              | 126950-60-5 | <2.0     |

## 4. FIRST-AID MEASURES

### First Aid Measures

#### **General Advice**

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

#### **Eye Contact**

Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

#### **Skin Contact**

Wash off with plenty of water. Suitable emergency safety shower facility should be available in work area.

#### **Inhalation**

Move person to fresh air; if effects occur, consult a physician.

#### **Ingestion**

If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

### Most important symptoms and effects

#### **Symptoms**

Aside from the information found under description of First Aid Measures (above) and Indication of any immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

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

#### **Notes to Physician**

Skin contact may aggravate pre-existing dermatitis. Maintain adequate ventilation and oxygenation of the patient. Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water fog or fine spray. dry chemical fire extinguishers. Carbon Dioxide fire extinguishers. Foam. alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

**Unsuitable Extinguishing Media** 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

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Protective equipment and precautions for firefighters,

### Unusual Fire and Explosion Hazards:

Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

### Advice for firefighters Fire Fighting Procedures:

Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

### Special protective equipment for firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause a slipping hazard. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

#### **Environmental Precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

**Methods and material for containment and cleaning up**

Contain spilled material if possible. Absorb with materials such as: Sand. Dirt. Do not use water for cleanup. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

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

No specific requirements. Additional storage and handling information on this product may be obtained by calling your sales or customer service contact.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

Exposure limits are listed below, if they exist.

| Component            | Regulation | Type of listing | Value/Notation       |
|----------------------|------------|-----------------|----------------------|
| Poly(ethylene oxide) | US WEEL    | TWA aerosol     | 10 mg/m <sup>3</sup> |

**Exposure controls**

**Engineering controls:** Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

**Individual protection measures**

**Eye/face protection:** Use chemical goggles.

**Skin protection**

**Hand protection:** Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Chlorinated polyethylene. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. Examples of acceptable glove barrier materials include: Polyvinyl alcohol ("PVA"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**Other protection:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

**Respiratory protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                                     |                  |                         |                |
|-------------------------------------|------------------|-------------------------|----------------|
| <b>Physical State</b>               | Liquid           | <b>Odor</b>             | Slight, Mild   |
| <b>Appearance</b>                   | Yellow Liquid    | <b>Odor Threshold</b>   | Not determined |
| <b>Color</b>                        | Yellow           | <b>Remarks • Method</b> |                |
| <b>Property</b>                     | <b>Values</b>    |                         |                |
| <b>pH</b>                           | 5.5 – 7.5        |                         |                |
| <b>Melting Point/Freezing Point</b> | Not determined   |                         |                |
| <b>Boiling Point/Boiling Range</b>  | >250°C / >482°F  |                         |                |
| <b>Flash Point</b>                  | 178°C / 352°F    | (ASTM D-93 / PMCC)      |                |
| <b>Evaporation Rate</b>             | <0.01 Calculated | (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>               | < 0.01 mm Hg     | @68°F (20°C)            |                |

|                                     |                                  |         |
|-------------------------------------|----------------------------------|---------|
| <b>Vapor Density</b>                | >1                               | (Air=1) |
| <b>Specific Gravity</b>             | 0.965                            |         |
| <b>Water Solubility</b>             | Visual forms a dispersion        |         |
| <b>Solubility in other solvents</b> | Not determined                   |         |
| <b>Partition Coefficient</b>        | log Pow: 3.3 - 4.4 Estimated.    |         |
| <b>Auto-ignition Temperature</b>    | Not determined                   |         |
| <b>Decomposition Temperature</b>    | Not determined                   |         |
| <b>Kinematic Viscosity</b>          | 36 cSt at 25°C (77°F) Calculated |         |
| <b>Dynamic Viscosity</b>            | Not determined                   |         |
| <b>Explosive Properties</b>         | Not determined                   |         |
| <b>Oxidizing Properties</b>         | Not determined                   |         |

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | No Data Available   |
| <b>Chemical Stability</b>                 | Thermally stable at typical use temperatures  |
| <b>Possibility of Hazardous Reactions</b> | Polymerization will not occur   |
| <b>Conditions to Avoid</b>                | Exposure to elevated temperatures can cause product to decompose                                |
| <b>Incompatible Materials</b>             | Avoid contact with: Strong acids. Strong bases. Strong oxidizers                                |
| <b>Hazardous Decomposition Products</b>   | Decomposition products depend upon temperature, air supply and the presence of other materials. |

## 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity**

**Acute oral toxicity** - Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. Typical for this family of materials. LD50, Rat, > 3,000 mg/kg Estimated.

**Acute dermal toxicity** - Prolonged skin contact is unlikely to result in absorption of harmful amounts. Typical for this family of materials. LD50, Rabbit, > 2,000 mg/kg Estimated.

**Acute inhalation toxicity** - No adverse effects are anticipated from single exposure to vapor. For respiratory irritation and narcotic effects: No relevant data found. The LC50 has not been determined.

### **Skin corrosion/irritation**

Brief contact may cause slight skin irritation with local redness.  
Prolonged contact may cause moderate skin irritation with local redness.  
May cause drying and flaking of the skin.  
Effects may be slow to heal.

### **Serious eye damage/eye irritation**

May cause moderate eye irritation.  
May cause moderate corneal injury.

### **Sensitization**

For skin sensitization: No relevant data found.  
For respiratory sensitization: No relevant data found.

### **Specific Target Organ Systemic Toxicity (Single Exposure)**

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

### **Specific Target Organ Systemic Toxicity (Repeated Exposure)**

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

**Carcinogenicity** - No relevant data found.

**Teratogenicity** - No relevant data found.

**Reproductive toxicity** - No relevant data found.

**Mutagenicity** - No relevant data found.

**Aspiration Hazard** - Based on physical properties, not likely to be an aspiration hazard.

**COMPONENTS INFLUENCING TOXICOLOGY:****Alcohols C12-14 secondary ethoxylated**

**Acute inhalation toxicity** - No adverse effects are anticipated from single exposure to vapor. For respiratory irritation and narcotic effects: No relevant data found. The LC50 has not been determined.

**Poly(ethylene oxide)** - Acute inhalation toxicity Typical for this family of materials. LC50, Rat, 6 Hour, dust/mist, > 2.5 mg/l No deaths occurred at this concentration.

**Alcohols, C12-14-secondary**

**Acute inhalation toxicity** - No adverse effects are anticipated from single exposure to vapor. For respiratory irritation and narcotic effects: No relevant data found. The LC50 has not been determined.

**12. ECOLOGICAL INFORMATION**

Ecotoxicological information on this product or its components appear in this section when such data is available.

**Toxicity****Acute toxicity to fish**

For this family of materials:

Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested).

For this family of materials:

LC50, Pimephales promelas (fathead minnow), static test, 96 Hour, 3.5 - 4.9 mg/l, OECD Test Guideline 203 or Equivalent

**Acute toxicity to aquatic invertebrates**

For this family of materials:

EC50, Daphnia magna (Water flea), 48 Hour, 3.1 mg/l, OECD Test Guideline 202 or Equivalent

**Persistence and degradability**

**Biodegradability:** For this family of materials: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

10-day Window: Not applicable

**Biodegradation:** > 60 %

**Exposure time:** 28 d

**Method:** OECD Test Guideline 301F or Equivalent

**Bioaccumulative potential**

**Partition coefficient:** n-octanol/water(log Pow): 3.3 - 4.4 Estimated.

**Bioconcentration factor (BCF):** 15 - 64 Fish. Estimated.

**Mobility in soil**

No specific, relevant data available for assessment.

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT****Proper shipping name**

Environmentally hazardous substance, liquid, n.o.s.(Alcohol C6-C17 (Secondary) Poly (3-6) Ethoxylate)

**UN number**

UN 3082

**Class**

9

**Packing group**

III

**Marine pollutant**

Alcohol C6-C17 (Secondary) Poly (3-6) Ethoxylate

**IATA**

Not regulated for transport

**IMDG**

Not regulated for transport

**Transport in bulk** Consult IMO regulations before transporting ocean bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

**15. REGULATORY INFORMATION**

**OSHA Hazard Communication Standard**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312**

Acute Health Hazard

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313**

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.

**Pennsylvania Worker and Community Right-To-Know Act:**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**United States TSCA Inventory (TSCA)**

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**16. OTHER INFORMATION**

| <b>NFPA</b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Reactivity</b> | <b>Special Hazards</b> |
|-------------|-----------------------|---------------------|-------------------|------------------------|
|             | 2                     | 1                   | 0                 | Not determined         |

**Issue Date:** 1-Mar-2016  
**Revision Date:** 21-Apr-2022  
**Revision Note:** 3-Year Update

**Disclaimer**

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**End of Safety Data Sheet**