

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

|                                  |                         |                             |                           |
|----------------------------------|-------------------------|-----------------------------|---------------------------|
| <b>Product:</b>                  | QL-17 & QL-18           | <b>Trade Name:</b>          | Quick-Lift                |
| <b>Manufacturer:</b>             | AGS Company             | <b>Common Name:</b>         | Snow Plow Hydraulic Fluid |
| <b>Street Address:</b>           | 2651 Hoyt St            |                             |                           |
| <b>City/State/Zip</b>            | Muskegon Hts., MI 49444 |                             |                           |
| <b>Phone:</b>                    | 800-253-0403            |                             |                           |
| <b>Phone:</b>                    | 231-733-2101            |                             |                           |
| <b>FAX:</b>                      | 231-733-1784            | <b>Original Issue Date:</b> | 11/14/1985                |
| <b>Transportation Emergency:</b> | CHEM-TEL                | <b>Revision No</b>          | 8 <b>Date</b> 1/31/2007   |
| <b>Phone:</b>                    | 800-255-3924            |                             |                           |

**SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS**

| ITEM |   | CAS NUMBER | WT/WT % |
|------|---|------------|---------|
| 1    | Distillates, petroleum, hydrotreated light naphthenic   | 64742-53-6 | 60-100  |
| 2    | 2-Propenoic acid, 2-methyl-, butyl ester, polymer w/dodecyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate | 68516-84-7 | 0.1-1   |

**EXPOSURE LIMITS**

| ITEM | ACGIH                    |                      | OSHA                |             |
|------|--------------------------|----------------------|---------------------|-------------|
|      | TLV-TWA                  | TLV-STEL             | PEL-TWA             | PEL-CEILING |
| 1    | 5 mg/m <sup>3</sup> skin | 10 mg/m <sup>3</sup> | 5 mg/m <sup>3</sup> | N.E.        |
| 2    | N.E.                     | N.E.                 | N.E.                | N.E.        |

(See Section 16 for abbreviation legend)

**SECTION 3 - HAZARDS IDENTIFICATION**

**EYE CONTACT:** Liquid may be irritating and can cause pain, tearing, reddening and swelling.

**SKIN CONTACT:** Prolonged or repeated contact may result in irritation.

**INHALATION:** None expected.

**INGESTION:** This material may be harmful if swallowed.

**CHRONIC HAZARDS:** There are no foreseeable uses of the product that would lead to chronic exposure.

**Primary Route(s) of Entry** Skin and eye contact or ingestion.

**SECTION 4 - FIRST AID MEASURES**

**EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN CONTACT:** Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**INGESTION:** Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**MATERIAL SAFETY DATA SHEET**  
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: >315°F LOWER EXPLOSIVE LIMIT: 0.7 %  
C.O.C. UPPER EXPLOSIVE LIMIT: 5 %

AUTOIGNITION TEMPERATURE: 675°F

EXTINGUISHING MEDIA: FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid excessive mist and /or aerosol formation.  
Mist or spray could ignite at temperature below the indicated flash point. Keep away from flames.

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective gear. Water spray may be utilized to cool containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

RECOVERY PROCEDURES: Dike area to contain spill and clean up by absorbing on an inert material.  
Do not flush into sewers or waterways. Non-essential personnel should not enter area due to slipping hazards

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling

STORAGE: Store in a cool, dry ventilated area away from heat, sparks and flame.  
Keep containers closed when not in use.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in well ventilated area. Local exhaust could be utilized to remove fumes.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed,  
however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse.  
Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|   |                |                  |                  |
|---|----------------|------------------|------------------|
| BOILING POINT                                       | 465            | VAPOR DENSITY:   | > 5              |
| ODOR  | petroleum odor | ODOR THRESHOLD   | N.D.             |
| APPEARANCE  | Clear amber    | EVAPORATION RATE | < 0.01           |
| SOLUBILITY IN H <sub>2</sub> O                      | negligible     | VOC              | NA               |
| FREEZE POINT  | N.D.           | SPECIFIC GRAVITY | 0.9              |
| VAPOR PRESSURE                                      | <0.1 @ 75°F    | pH @ 5.0%        | N.A.             |
| PHYSICAL STATE                                      | liquid         | VISCOSITY:       | > 100SUS @ 100°F |
| COEFFICIENT OF WATER / OIL DISTRIBUTION: NEGLIGIBLE |                |                  |                  |
| (See Section 16 for abbreviation legend)            |                |                  |                  |

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sources of ignition.

**MATERIAL SAFETY DATA SHEET**

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon, sulfur, nitrogen and sodium are products of combustion.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

**MATERIAL SAFETY DATA SHEET**  
SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD 50 >5000 mg/kg PRODUCT LC 50 N.D.  
Based on component data

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME Not Regulated

DOT TECHNICAL NAME

DOT HAZARD CLASS HAZARD SUBCLASS: NA

DOT UN / NA NUMBER: PACKING GROUP: NA RESP. GUIDE PAGE

SECTION 15 - REGULATORY INFORMATION

U.S FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III ) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard

SARA SECTION 313

This product contains the following substance subject to the reporting requirements of Section 313 of Title of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

| CHEMICAL NAME                      | CAS NUMBER | WT /WT % IS LESS THAN |
|------------------------------------|------------|-----------------------|
| None of the components are listed. |            |                       |

TOXIC SUBSTANCE CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

| CHEMICAL NAME               | CAS NUMBER |
|-----------------------------|------------|
| No information is available |            |

**MATERIAL SAFETY DATA SHEET**

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

|  |            |
|--|------------|
| CHEMICAL NAME  | CAS NUMBER |
| No non-hazardous materials are among the top five ingredients. |            |

PENNSYLVANIA RIGHT-TO-Know

The following non-hazardous ingredients are present in the product at greater than 3%:

|  |            |
|--|------------|
| CHEMICAL NAME  | CAS NUMBER |
| No non-hazardous ingredients are present at greater than 3%. |            |

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are know to the state of California to causes cancer, birth defects or other reproductive harm.

|  |            |
|--|------------|
| CHEMICAL NAME                                      | CAS NUMBER |
| No Proposition 65 chemicals exist in this product. |            |

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

**SECTION 16 - OTHER INFORMATION**

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|               |        |   |              |   |            |   |     |   |
|---------------|--------|---|--------------|---|------------|---|-----|---|
| HMIS RATINGS: | Health | 1 | Flammability | 1 | Phys. Haz. | 0 | PPE | A |
| NFPA          | Health | 1 | Flammability | 1 | Reactivity | 0 |     |   |

VOLATILE ORGANIC COMPOUNDS (VOCs): NA

LEGEND: N.A. Not Applicable N.E. Not Established  
 N.D. Not Determined

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