



# Material Safety Data Sheet

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## 1. COMPANY AND PRODUCT IDENTIFICATION

**Product code:** 102533-01U 01  
**Product name:** **ADDITIVE 2901**

**Supplier:**  
Quaker Chemical Corporation  
Quaker Park One  
901 Hector Street  
Conshohocken, PA 19428  
610-832-4000  
E-mail: she@quakerchem.com

**Emergency telephone number:**  
\* 24 HOUR TRANSPORTATION:  
\*\*CHEMTREC: 1-800-424-9300  
703-527-3887 (Call collect outside of US)  
\* 24 HOUR EMERGENCY HEALTH & SAFETY:  
\*\*QUAKER CHEMICAL CORPORATION: (800) 523-7010(  
Within US only)  
Outside of US call (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS COMPONENTS

This product does not contain any hazardous ingredients as defined under 29 CFR 1910.1200.

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

Mild eye irritation.  
May cause skin irritation and/or dermatitis.  
May cause irritation of respiratory tract.  
May be harmful if swallowed.

**Principle routes of exposure:** Eyes, skin and inhalation.

**Signal word:** CAUTION

**Eye contact:** Contact with eyes may cause irritation.

**Skin contact:** Prolonged and/or repeated contact may cause irritation and redness.

**Inhalation:** May cause irritation of respiratory tract.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Physico-chemical properties:** No hazards resulting from material as supplied.

## 4. FIRST AID MEASURES

<b>General advice:</b>	No hazards which require special first aid measures
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water.
<b>Ingestion:</b>	Do not induce vomiting. Consult a physician.
<b>Inhalation:</b>	Move to fresh air. Consult a physician if necessary.
<b>Notes to physician:</b>	Treat symptomatically.
<b>Medical condition aggravated by exposure:</b>	Dermatitis.

## 5. FIRE-FIGHTING MEASURES

<b>Flash point (°C):</b> NA	<b>Flash point (°F):</b> NA	<b>Flash Point Method:</b> None to boiling.
<b>Flammable limits in air - upper (%):</b> Not determined	<b>Flammable limits in air - lower (%):</b> Not determined	
<b>Suitable extinguishing media:</b>	Use dry chemical, CO2, water spray or 'alcohol' foam.	
<b>Unusual hazards:</b>	None known	
<b>Special protective equipment for fire-fighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>Specific methods:</b>	Water mist may be used to cool closed containers.	

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Shovel into suitable container for disposal.

## 7. HANDLING AND STORAGE

### Handling

<b>Technical measures/precautions:</b>	Provide sufficient air exchange and/or exhaust in work rooms.
<b>Safe handling advice:</b>	Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Wear personal protective equipment. Wash thoroughly after handling.

### Storage

<b>Technical measures/storage conditions:</b>	Store at room temperature in the original container
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<b>Incompatible products:</b>	No special restrictions on storage with other products
<b>Safe storage temperature:</b>	40-100 ° F
<b>Shelf life:</b>	6 months

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure adequate ventilation.

### Personal Protective Equipment

**General:** Eye Wash and Safety Shower

**Respiratory protection:** Not required; except in case of aerosol formation. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a certified respirator that will protect against organic vapor must be worn.

**Hand protection:** Neoprene gloves

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses with side-shields.

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical state:</b>	Liquid
<b>Color:</b>	translucent
<b>Odour:</b>	Bland
<b>Boiling point/boiling range (°C):</b>	100
<b>Boiling point/range (°F):</b>	212
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>VOC Content Product:</b>	0.0 lb/gal (EPA Method 24)
<b>Solubility:</b>	Dispersible
<b>Evaporation rate:</b>	Not determined
<b>Flash point (°C):</b>	NA
<b>Flash point (°F):</b>	NA
<b>Decomposition temperature:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Density @ 15.5 ° C (g/cc) :</b>	0.997 @ 20C
<b>Solids (% by weight):</b>	5.2
<b>Partition coefficient (n-octanol/water, log Pow):</b>	Not determined
<b>Explosive properties:</b>	
- upper limit:	No data available
- lower limit:	No data available

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:**

None known

**Materials to avoid:**

Strong oxidising agents

**Hazardous decomposition products:**

None under normal use

**Stability:**

Stable under recommended storage conditions.

**Polymerization:**

Not applicable

## 11. TOXICOLOGICAL INFORMATION

No toxicological information is available on the product. Data obtained on components are summarized below.

## 12. ECOLOGICAL INFORMATION

**Persistence and degradability:** No information available

**Mobility:** No data available

**Bioaccumulation:** No data available

**Ecotoxicity effects:** No data available

**Aquatic toxicity:** Not Determined

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

**Contaminated packaging:** Do not re-use empty containers

**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).. Shovel into suitable container for disposal..

## 14. TRANSPORT INFORMATION

**U. S. DEPARTMENT OF TRANSPORTATION:**

**Proper shipping name:** Not Regulated

**Shipping Description:**

**TDG (CANADA):**

Proper shipping name: Not Regulated

**IMDG/IMO:**

Proper shipping name: Not Regulated

**IATA/ICAO:**

Proper shipping name: Not Regulated

***15. REGULATORY INFORMATION*****CLASSIFICATION AND LABELING**

**OSHA Hazard Communication Standard:** This product is considered non-hazardous under the OSHA Hazard Communication Standard.

**Canada - WHMIS Classification Information:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**Product Classification:** None Required  
**Product Classification Graphic(s):**

**Component Classification Data:**

**Canadian National Pollution Inventory Data:**

**U.S. REGULATIONS:**

**SARA (311, 312) hazard class:** This product possesses the following SARA Hazard Categories:

**Immediate Health (Acute):** No  
**Delayed Health (Chronic):** No  
**Flammability:** No  
**Pressure:** No  
**Reactivity:** No

**RCRA Status** Not Regulated

**STATE REGULATIONS (RTK):**

**California Proposition 65 Status:** No components are listed

**INVENTORY STATUS:**

**United States TSCA - Sect. 8(b) Inventory:**

This product complies with TSCA

**Canada DSL Inventory List -**

This product complies with DSL

**EC No.**

Compliance has not been determined

## 16. OTHER INFORMATION

**Sources of key data used to compile the data sheet:**

Material safety data sheets of the ingredients.

**Reason for revision:**

This data sheet contains changes from the previous version in section(s) Various

**Prepared by:**

Quaker Chemical Corporation -Safety, Health and Environmental Affairs Group - US

**HMIS classification:**

**NFPA rating:**

**Health:**

1

**Health:**

1

**Flammability:**

0

**Flammability:**

0

**Reactivity:**

0

**Reactivity:**

0

**Personal Protection:**

B

**Special:**

NA

\* Indicates possible chronic health effect

Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.

### Disclaimer

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. Quaker Chemical Corporation ("Quaker") assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of Quaker.

**End of Safety Data Sheet**