

## 1. Product and Company Identification

**Material name** SEALANT CR-WASH  
**Version #** 00  
**Issue date** 03-03-2013  
**Revision date** 03-03-2013  
**Supersedes date** -  
**CAS #** Mixture  
**Product Code** 800-0067  
**Product use** Cleaning.  
**Manufacturer information**  
**Manufacturer/Supplier** Team Industrial Services, Inc.  
 200 Hermann Drive, Alvin, Texas 77511  
**Emergency Contact** CHEMTREC - 24 HOURS  
 USA: CHEMTREC: 800-424-9300  
 International: 703-527-3887 (Collect)

## 2. Hazards Identification

**Physical state** Liquid.  
**Appearance** Clear colorless liquid with a sweet odor.  
**Emergency overview** CAUTION  
 May cause eye and skin irritation.  
**OSHA regulatory status** This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).  
**Potential health effects**  
**Routes of exposure** Eye contact.  
**Eyes** May cause eye irritation.  
**Skin** May cause skin irritation.  
**Inhalation** No adverse effects due to inhalation are expected.  
**Ingestion** Health injuries are not known or expected under normal use. However, accidental ingestion of the content may cause discomfort.  
**Target organs** Eyes.  
**Chronic effects** Prolonged or repeated contact may dry skin and cause dermatitis.  
**Signs and symptoms** Symptoms include itching, burning, redness and tearing.  
**Potential environmental effects** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Dimethyl glutarate	1119-40-0	40-70
Dimethyl adipate	627-93-0	10-30
Dimethyl succinate	106-65-0	10-30

**Composition comments** All concentrations are in percent by weight.

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention promptly if symptoms occur after washing.  
**Skin contact** Remove contaminated clothing. Wash immediately with soap and water for at least 15 minutes. Get medical attention promptly if symptoms persist or occur after washing.

<b>Inhalation</b>	In case of discomfort, move to fresh air. Get medical attention, if needed.
<b>Ingestion</b>	Rinse mouth thoroughly with water and give large amounts of milk or water, if person is conscious. Get medical attention if any discomfort occurs.
<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically.
<b>General advice</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Will burn if involved in a fire.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Foam.
<b>Unsuitable extinguishing media</b>	None known.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Protective equipment and precautions for firefighters</b>	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use water spray to cool unopened containers. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If possible, prevent water running into sewers.
<b>Hazardous combustion products</b>	Carbon oxides.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid contact with skin and eyes. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see Section 8 of the MSDS.
<b>Environmental precautions</b>	Prevent entry into waterways, sewer, basements or confined areas. Environmental manager must be informed of all major spillages.
<b>Methods for containment</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Collect and dispose of spillage as indicated in Section 13 of the MSDS.
<b>Methods for cleaning up</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Clean contaminated surface thoroughly. Never return spills in original containers for re-use.
<b>Other information</b>	Clean up in accordance with all applicable regulations.

## 7. Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Use personal protective equipment as required. Keep away from heat, sparks and open flame. Use only with adequate ventilation.
<b>Storage</b>	Store in tightly closed original container. Ideal storage temperature is 18 to 30°C (65 to 86°F). Store away from incompatible materials.

## 8. Exposure Controls / Personal Protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Exposure guidelines</b>	No exposure standards allocated.
<b>Engineering controls</b>	Provide adequate ventilation.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Wear approved chemical safety goggles.
<b>Skin protection</b>	Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Wear appropriate clothing to prevent possibility of skin contact.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Clear colorless liquid with a sweet odor.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	Sweet.
<b>Odor threshold</b>	Not available. <b>pH</b> Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Melting point/Freezing point</b>	Not available.
<b>Solubility (water)</b>	5.3 % (25°C/77°F)
<b>Specific gravity</b>	Not available.
<b>Flash point</b>	212 °F (100 °C)
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Auto-ignition temperature</b>	698 °F (370 °C)

## 10. Chemical Stability & Reactivity Information Chemical

<b>stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	During combustion: Carbon oxides.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

<b>Sensitization</b>	Not a skin sensitizer.
<b>Acute effects</b>	May cause discomfort if swallowed.
<b>Local effects</b>	May cause skin and eye irritation.
<b>Chronic effects</b>	Prolonged or repeated contact may dry skin and cause dermatitis.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Epidemiology</b>	Not available.
<b>Mutagenicity</b>	Not available.
<b>Neurological effects</b>	Not available.
<b>Reproductive effects</b>	Not available.
<b>Teratogenicity</b>	Not available.
<b>Symptoms and target organs</b>	Symptoms include itching, burning, redness and tearing.
<b>Further information</b>	This product has no known adverse effect on human health.

## 12. Ecological Information

<b>Ecotoxicity</b>	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Environmental effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Persistence and degradability</b>	The product is biodegradable.
<b>Bioaccumulation / Accumulation</b>	The product is not bioaccumulating.

**Partition coefficient**  
Dimethyl succinate (CAS 106-65-0) 0.35

**Mobility in environmental media** The product is insoluble in water.

### 13. Disposal Considerations

**Waste codes** Not regulated.

**Disposal instructions** Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. This material and its container must be disposed of as hazardous waste. Do not allow runoff to sewer, waterway or ground.

**Waste from residues / unused products** Dispose of in accordance with local regulations.

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport Information

#### DOT

Not regulated as a hazardous material by DOT.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

#### TDG

Not regulated as dangerous goods.

### 15. Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance (40 CFR 355, Appendix A)** No

**Section 311/312 (40 CFR 370)** No

**Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)** Not controlled

**Canadian regulations** This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS status** Non-controlled

## Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### **US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

### **US. Massachusetts RTK - Substance List**

Not regulated.

### **US. New Jersey Worker and Community Right-to-Know Act**

Not regulated.

### **US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

## 16. Other Information

### **Further information**

HMIS® is a registered trade and service mark of the NPCA.

### **HMIS® ratings**

Health: 1  
Flammability: 1  
Physical hazard: 0

### **NFPA ratings**

Health: 1  
Flammability: 1  
Instability: 0

### **Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.