

# Material Safety Data Sheet

## Section 1 Product Identification

Product Name: **Juice Tire/Interior Dressing**

Formula type: Silicone emulsion

Manufacturer's Name:

Chem-Tech, Inc.

6551 Jansen Avenue NE – Suite 106

Albertville, MN 55301

Emergency Telephone: 1-800-535-5053

Information: 1-763-417-1380

Fax: 763-417-1389

## Section 2 Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>%</u>	<u>Threshold Limit Value</u>	<u>Permissible Exposure Limit</u>
Water	7732-18-5			
Dimethylpolysiloxanes	63148-62-9	20 - 25	NE	NE
Octylphenoxy polyethoxyethanol	9036-19-5	0.5 - 1.5	1 PPM	5 PPM

Balance of ingredients are not hazardous as defined by OSHA

## Section 3 Physical Data

Form:	Liquid	pH as is:	6.5 – 7.5
Color:	White emulsion	pH (1% vol):	7.0 -7.6
Odor:	None	Solubility in Water:	Forms emulsion
Specific Gravity (Water = 1):	0.97 – 1.00	Vapor Density (Air = 1):	ND
Boiling Point °F:	Approx. 212	% VOC:	<0.5
Evaporation Rate (Water = 1):	<1	Vapor pressure:	Similar to water

## Section 4 Fire and Explosion Information

Flash Point (Method) F: 216° PMCC

Unusual Fire and Explosion Hazards: Methylpolysiloxanes can generate formaldehyde at approximately 300 degrees F and above in atmospheres which contain oxygen.

Extinguishing Agents: Foam, carbon dioxide, dry chemical, water fog, water

Fire fighting methods: Evacuate area and fight fire from a safe distance. If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop a leak. Use water spray to cool adjacent structures and to protect personnel. Shut off source of flow if possible. Stay away from storage tank ends. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of storage tank due to fire. Fire fighters must wear MSHA/NIOSH approved positive pressure breathing apparatus with full face mask and full protective equipment.

## Section 5 Health Hazard Data - Signs and Symptoms of Overexposure:

Probable Routes of Entry: Eyes or skin

Eyes: May cause mild eye irritation

Skin: May cause mild skin irritation

Inhalation: May cause respiratory tract irritation

Ingestion: May cause stomach discomfort

Medical Conditions Aggravated by Exposure: Pre-existing skin disorders

### **Section 6 Emergency First Aid Procedures**

Eyes: Immediately flush eyes with cool running water for at least 15 minutes. Obtain medical aid if irritation develops.

Skin: Wash skin with soap and cool water. Obtain medical aid if irritation develops. Remove contaminated clothing and launder.

Inhalation: Remove to fresh air. Monitor breathing. If breathing is difficult, obtain immediate medical aid.

Ingestion: Drink 1-2 large glasses of milk or water. Obtain immediate medical aid or call poison control. Do not induce vomiting unless directed by a physician. During vomiting there is a danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Gastric lavage should be performed only by qualified medical personnel. Keep affected person warm and at rest. Seek immediate medical attention or call 911.

### **Section 7 Reactivity Data**

Stability: Stable

Incompatibility: Acids, bases, and oxidizers.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, silicon dioxide, formaldehyde

Hazardous Polymerization: Will not occur

### **Section 8 Spill & Leak Procedures**

Procedures for Cleanup: Area will be slippery. For small spills, mop up with soap and water and then rinse with water.

Large Spills: For large spills, area will be very slippery. Dike product with sand or dirt. Keep out of surface waters. Salvage for reuse if possible. Otherwise place into suitable container for disposal. Wash walk areas with soap and water. Inform local pollution officials of spill. Spill may be considered RCRA hazardous if contaminated. Call local regulatory agency.

Waste Disposal: Dispose in accordance with federal, state and local regulations. Waste if contaminated, may be subject to RCRA.

### **Section 9 Special Protection Information**

Ventilation Type Required: General

Protective Gloves: Rubber, neoprene, and nitrile

Respiratory Protection: Not necessary under normal use conditions and ventilation. If mists are generated, wear NIOSH respirator for mists. May be needed for spill clean up.

Eye Protection: Goggles or splash-proof glasses

Other Equipment: Eye wash station. Rubber boots for spill cleanup.

### **Section 10 Special Precautions**

Store between 30° F and 110° F. Store away from heat or ignition sources. Store out of direct sunlight. Keep out of reach of children. Keep container closed when not in use. For industrial and institutional use only. Mix only with water. Thoroughly rinse empty containers before disposal.

**Section 11 Toxicity Data****Toxicity:**

<u>Ingredient</u>	<u>LD50 - Oral</u>	<u>LD50 – skin absorption</u>	<u>LC50 - Inhalation</u>	<u>Effects</u>
Dimethylpolysiloxanes	ND	ND	ND	See note below
Octylphenoxypolyethoxyethanol	1800 mg/kg	ND	ND	See note below

Note: Non-irritating to skin (rabbit), minimally irritating to eye (rabbit)

**Carcinogenicity:**

<u>Ingredient</u>	<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>
Dimethylpolysiloxanes	No	No	No
Octylphenoxypolyethoxyethanol	No	No	No

**Other effects:**

<u>Ingredient</u>	<u>Reproductive Toxicity</u>	<u>Teratogenicity</u>	<u>Mutagenicity</u>
Dimethylpolysiloxanes	ND	ND	ND
Octylphenoxypolyethoxyethanol	Possibly	ND	Mammalian somatic cells.

**Section 12 Ecological Information****Ingredient**

Dimethylpolysiloxanes	No data
Octylphenoxypolyethoxyethanol	BOD5 and COD: Not available. Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Section 13 Hazard Rating - HMIS**

0 = minimal    1 = slight    2 = moderate    3 = serious    4 = severe

Health: 1    Reactivity: 0    Fire: 0    Personal protection equipment::

**Section 14 Regulatory Information****• Chemical Inventory Status - part 1 •**

<u>Ingredient</u>	<u>TSCA</u>	<u>EC</u>	<u>Japan</u>	<u>Australia</u>
Dimethylpolysiloxanes	Yes	ND	ND	ND
Octylphenoxypolyethoxyethanol	Yes	ND	ND	ND

**• Chemical Inventory Status – part 2 •**

<u>Ingredient</u>	<u>Korea</u>	<u>-----Canada----- DSL</u>	<u>NDSL</u>	<u>Philippines</u>
Dimethylpolysiloxanes	ND	Yes	No	ND
Octylphenoxypolyethoxyethanol	ND	Yes	No	ND

**• Federal, State & International Regulations – part 1 •**

<u>Ingredient</u>	<u>---- SARA 302 ---- RQ</u>	<u>TPQ</u>	<u>----- SARA 313 ----- List</u>	<u>Chemical Catg.</u>
Dimethylpolysiloxanes	No	No	No	No
Octylphenoxypolyethoxyethanol	No	No	No	No

• **Federal, State & International Regulations – part 2 •**

<b>Ingredient</b>	<b>CERCLA</b>	<b>RCRA 261.33</b>	<b>TSCA 8(d)</b>
Dimethylpolysiloxanes	No	No	No
Octylphenoxypolyethoxyethanol	No	No	No

**Chemical Weapons Convention:** No **TSCA 12(b):** No **CDTA:** No

**SARA 311/312:** **Acute:** No **Chronic:** No **Fire:** No **Pressure:** No

**Reactivity:** No

**Section 15 Shipping Name:**

Cleaning Compound

**Section 16 WHMIS**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

This product is not hazardous according to the CPR.

**Section 17 Documentary Information**

Date issued: 11-16-06 Supercedes: 10-25-05 Reason for update: Total update  
 Prepared by: S. VanGrasstek Title: Chem-Tech Lab Manager Phone: 763-417-1380

**ABBREVIATIONS:**

NE = NOT ESTABLISHED

NDA = NO DATA AVAILABLE

> = GREATER THAN

<= LESS THAN

BCF = BIOCONCENTRATION FACTOR

ND = NO DATA

The data and recommendations presented herein are based upon our research and the research of others, and are believed to be accurate. However, no warranty of guarantee of their accuracy is made; and the products are distributed without any warranty, expressed or implied, including the limited warranties of merchantability of fitness for a particular purpose. The supplier makes no warranties, expressed or implied to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, adequacy or furnishing of such information. Employers should use this information only as a supplement to other information and must make independent determinations of suitability to assure proper use, safety, and health of employees.