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MATERIAL SAFETY DATA SHEET

Section 1 – Company and Product Identification

Issued by: JEEN International Corporation Chemtrec Emergency Tel#: 800-424-9300  
 24 Madison Road \*Chemtrec Int'l Tel#: 703-527-3887 Original Issue Date: 07/10/1999  
 Fairfield, NJ 07004 \*(Collect Calls Accepted) Revision Date: 11/21/2008  
 Tel.# 973-439-1401

Product: **JEECHEM OP-10**  
 Common Chemical Name: POE 10 Octylphenol  
 Synonyms: Octoxynol 10  
 Molecular Formula: NA  
 Chemical Family: Alkoxylated alkylphenol  
 Molecular Wt.: 650.0

Section 2 – Ingredients

Component	CAS Reg Number	OSHA Hazard	Percentage
Polyethylene glycol octylphenyl ether	9036-19-5 (9002-93-1)	Y	> 99.5
Water	7732-18-5	N	< 0.5
Poly (Ethylene oxide)	25322-68-3	Y	< 0.0025
Dioxane	123-91-1	Y	< 0.0020

PEL/TLV Not Established

Section 3 – Physical Properties

Color: Clear  
 Form/Appearance: Liquid  
 Odor: Odorless  
 Typical Low/High U.O.M  
 Specific Gravity: 1.06  
 pH: 6 – 7.5 SU  
 pH Method: (5% Aqueous Solution)  
 Typical Low/High Deg. @ Pressure  
 Boiling Point: >350 F 1 Atmospheres  
 Freezing Point: Not Available  
 Decomp. Tmp: Not Available  
 Solubility in Water  
 Description: Soluble  
 Typical Low/High U.O.M. @ Temperature  
 Solubility: 10 Percent 20°C  
 Flash Point: Typical Low/High Deg. Method  
 >400 F Cleveland Open Cup  
 Autoignition: Not available.  
 Extinguishing Media: Use CO2 or dry chemical extinguishing media.  
 Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Unusual Hazards:  
 There are no known unusual fire or explosion hazards



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### Section 5 – Health Effects

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute Overexposure Effects:	Contact may result in irritation of the eyes, skin and respiratory tract. Prolonged eye contact may cause severe irritation. Inhalation may result in respiratory irritation. Ingestion may result in gastric disturbances.
Chronic Overexposure Effects:	There are no known chronic effects associated with this material.
First Aid Procedures:	Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.
First Aid Procedures:	Eyes: Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.
First Aid Procedures:	Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
First Aid Procedures:	Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
First Aid Procedures:	Notes to Physicians: None known.
First Aid Procedures:	Aggravated Medical Conditions: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects observed in animals.
First Aid Procedures:	Special Precautions: None

### Section 6 – Reactivity Data

Stability Data:	Stable
Incompatibility:	Strong alkalis and oxidizing materials.
Conditions/Hazards to Avoid:	No data available.
Hazardous Decomposition/Polymerization:	Hazardous Decomposition Products: No Data Available. Polymerization: Does not occur.
Corrosive Properties:	Not corrosive
Oxidizer Properties:	Not an oxidizer

### Section 7 – Personal Protection

Clothing:	Gloves, coveralls, apron, boots as necessary to minimize contact.
Eyes:	Chemical Goggles
Respiration:	If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air-supplied respirator as appropriate.
Ventilation:	Use local exhaust to control vapors/mists.
Explosion Proofing:	None required.
Other Personal Protection Data:	None under normal conditions.

### Section 8 – Spill – Leak/Environmental

General:	Spills should be contained, solidified, and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA ("Superfund"). Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean-up.
Waste Disposal:	Incinerate in a licensed facility. Do not discharge into waterways or sewer systems.
Container Disposal:	Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.
Other Spill/Leak Procedures:	No other spill procedures necessary.



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### Section 9 – Storage and Handling

General: No special requirements needed.

### Section 10 – Regulatory Information

#### TSCA Inventory Status

Listed on Inventory: YES

#### RCRA Haz. Waste No.:

CERCLA: No Reportable Qty.: (If YES)

#### State Regulatory Information (By Component)

NJ/PA/MA RTK

CAS: 9036-19-5

NO

Name: Octyl Phenol Ethoxylate

Hazard Ratings: Health: Fire: Reactivity: Special:

HMIS: 1 1 0 NA

NFPA: 1 1 0 NA

This product is not hazardous according to the OSHA Hazard Communication Standard.

WARNING: THIS PRODUCT CONTAINS TRACE AMOUNTS OF ETHYLENE OXIDE AND 1,4 DIOXANE, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR REPRODUCTIVE HARM.

### Section 11 – Transportation Information

DOT Proper Shipping Name: See below  
DOT Technical Name: See below  
DOT Primary Hazard Class: See below  
DOT Secondary Hazard Class: See below  
DOT Label Required: See below  
DOT Placard Required: See below  
DOT Poison Constituent: See below  
Bill of Lading Description: Not regulated by the D.O.T.

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"Important: While the Descriptions, Designs, Data and Information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by JEEN International Corporation hereunder are given gratis and JEEN International assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.