

# MATERIAL SAFETY DATA SHEET

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## SECTION I – GENERAL INFORMATION

TRADE NAME	<b>SURF-AC 910</b>
CHEMICAL NAME	Non-ionic Surfactant
CHEMICAL FAMILY	Non-ionic Biodegradable Surfactant
EPA REG. NO.	N/A
SIGNAL WORD	CAUTION

## SECTION II – INGREDIENTS

(Class = H (Hazardous), NH (Non-Hazardous))

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
Alkyl and Alkylaryl Polyoxyethylene Glycol	9016-45-9, 68131-40-8	90.0	5 mg/m3	NH
Coupling Agents and Inerts	N/A	10.0	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	212°F	<u>Specific Gravity</u>	1.01-1.04 gms/cc
<u>Vapor Pressure</u>	N.K.	<u>% Volatiles</u>	Approx. 5-10%
<u>Vapor Density</u>	N.K.	<u>Solubility in Water</u>	Complete
<u>pH</u>	4-7	<u>Appearance/Odor</u>	Clear liquid, alcohol odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	> 200°F
Extinguishing Media	Alcohol foam, Carbon Dioxide, water spray
Fire Fighting Procedures	Cool exposed equipment with water spray. Wear an approved self-contained breathing apparatus. Minimize run-off if possible.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Store away from oxidizers
Hazardous Decomposition Products	Carbon Monoxide and Asphyxiants
Hazardous Polymerization	Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = >1,300 mg/kg Dermal LD50 (Rabbit) = 2,000 mg/kg 5 mg/m3
TLV	
N.F.P.A.	Health: 2, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Vapor can irritate nose and throat. Also eye and skin irritation. Do not ingest.

## SECTION VII – EMERGENCY PROCEDURES

<u>If on Skin or Clothing:</u>	Wash with water, launder clothing before reuse. Obtain medical attention.
<u>If in Eyes:</u>	Flush with water. Obtain medical attention.
<u>If Inhaled:</u>	Move victim to fresh air. Seek medical attention.
<u>If Swallowed:</u>	Do not induce vomiting, obtain medical attention immediately.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Dike and absorb spill with inert material. Transfer to suitable container for disposal. Keep out of reach of open bodies of water and/or sewers. Assure protective equipment is worn.  
Waste Disposal Method  
Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	None normally required
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Chemgoggles
Other	Coveralls, long-sleeve shirt, rubber boots

## SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Spray Adjuvant, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G.	171

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