

MATERIAL SAFETY DATA SHEET

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24 Hour Emergency Assistance CHEMTREC 1-800-424-9300

PRODUCT NAME: Regulaid

PRODUCT CODE: RG01, 02

I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Regulaid
PRODUCT CODE: RG01, 02
PRODUCT CLASS: Surfactant Blend
Date Prepared: 11/29/10
Prepared by: Safety Department

II – HAZARDS IDENTIFICATION SUMMARY

May cause severe skin or eye irritation. May cause headache, dizziness, nausea, vomiting, weakness.

III – COMPOSITION INFORMATION ON INGREDIENTS

Chemical Ingredients	Percentage by Weight	CAS No.	TLV (units)
Principal Functioning Agents Including:	90.6		
2-butoxyethanol		111-76-2	20ppm
poloxalene		11/6/03	Not Listed
monopropylene glycol		63625-56-9	Not Listed
Constituents ineffective as spray adjuvants	9.4	Mixture	Not Listed

IV – FIRST AID MEASURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Note to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

V – FIRE-FIGHTING MEASURES

Flashpoint (°F/Test Method)..... >140°F
Flammable Limits (LFL & UFL)..... Not Established
Extinguishing Media..... Dry chemical, foam, carbon dioxide (CO2). Water spray may be used to cool containers.
Unusual Fire & Explosion Hazards..... Closed containers may explode due to pressure build up when exposed to extreme heat.
Firefighting Equipment..... Self-contained breathing apparatus with full face piece. Full fire fighting turn-out gear.
Hazardous Combustion Products..... Normal combustion forms carbon dioxide and carbon monoxide.

VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions..... Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental Precautions..... Do not allow product to enter drains. Prevent further spillage if safe.
Clean Up Methods..... Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

VII – HANDLING AND STORAGE

MINIMUM STORAGE TEMPERATURES: WILL NOT FREEZE **MAXIMUM STORAGE TEMPERATURES:** WILL NOT FREEZE
Handling: Avoid contact with skin and eyes. Ensure adequate ventilation of the working area.
Storage: Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labeled containers.

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits.....	See section 3
Hand Protection.....	Chemical resistant gloves (PVC)
Eye Protection.....	Approved safety goggles
Engineering Measures.....	Ensure adequate ventilation of the working area.
Respiratory Protection.....	Wear suitable respiratory equipment.
Protective Equipment.....	Wear chemical protective clothing

IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Color:	Clear, colorless, liquid	Percent Volatile:	Not Established
Odor:	Mild solvent	Boiling Point:	Not Established
Specific Gravity (water=1):	0.94 – 1.04 g/ml	Evaporation Rate:	Not Established
Bulk Density	7.83 – 8.67 lbs/gal	Vapor Pressure:	Not Established
Solubility:	soluble	pH:	6.0 – 7.0

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items

X – STABILITY AND REACTIVITY

Stable:	Stable
Conditions to Avoid:	Excessive heat, sparks and fire.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	Carbon dioxide and carbon monoxide from burning.
Incompatible Materials:	Strong oxidizers.

XI – TOXICOLOGICAL INFORMATION

Acute Oral:	Not established	Eye Irritation:	Not established
Acute Dermal:	Not established	Skin Irritation:	Not established

XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not established for finished product. This product is not labeled for aquatic uses.

XIII – DISPOSAL CONSIDERATIONS

Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrcycle.org> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state and federal regulations.

XIV – TRANSPORT INFORMATION

DOT Shipping Description:	Not regulated by DOT	DOT Packing Group:	None
DOT Hazard Class:	None	DOT Primary/Secondary Label:	None
UN Number:	None	DOT Primary/Secondary Placard:	None

XV – REGULATORY INFORMATION

NFPA Ratings: Least = 0 Slight = 1 Moderate = 2 High = 3 Severe = 4

Ratings for this product: Health: 1 Flammability: 2 Instability: 0 Special Hazards: None Specified

SARA Title III Hazard Category: Immediate: Yes Fire: Yes Delayed: No Reactive: No Sudden Release of Pressure: No

Reportable Quantity (RQ) under US CERCLA: Not Listed

SARA, Title III, Section 313: Not Listed

CA Proposition 65: Not Listed

XV – OTHER INFORMATION

THE INFORMATION IN THIS MSDS IS GIVEN IN GOOD FAITH BASED ON OUR EXPERIENCE AND DATA PRESENTED IN VARIOUS TECHNICAL PUBLICATIONS. IT IS THE USERS RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS INFORMATION FOR THE ADOPTION OF SAFETY PRECAUTIONS AS MAY BE NECESSARY. THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND.