

Flow Plus

MSDS# SCM-186

March 2012

4 pages

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Flow Plus

Manufacturer: Specialty Chemical Manufacturing

Address: 1633-B High Bridge Road, Quincy, FL., 32351

Emergency Phone No.: 1+1813.248.0585 24 Hours, 7 Days, Chem-Tel, Inc.

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2. HAZARDS IDENTIFICATION

The toxicological properties of this compound have not been fully tested. Analogous compounds are essentially non-toxic.

Inhalation: None

Ingestion: Swallowing may cause temporary discomfort, nausea, vomiting and diarrhea.

Skin Contact: Contact with skin can may irritation in sensitive individuals.

Eye Contact: Causes irritation of eyes on contact.

Chronic Exposure: Prolonged contact with skin may cause temporary irritation.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO	EINECS NO	%	Symbol	Risk Phrases
Alkyl dimethylbenzyl ammonium chloride	68424-85-1	270-325-2	1-5	None	R
21/22-34-50					
Polyethylene glycol	25322-68-3	Not listed	20-40	None	None
Polyethylene glycol distearate	9005-08-7	Polymer, exempt	20-40	None	None
Poly(oxy-1,2-ethanediyl)	9005-00-9	Polymer, exempt	10-20	None	None
Polaxomer 407	9003-11-6	Polymer, exempt	10-20	None	None
Methyl salicylate	204-317-7	119-36-8	1-5	Xn	R22.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

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5. FIREFIGHTING MEASURES

Explosion: Will not explode

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Uncontaminated product may be recovered and used as directed. Product contaminated with hazardous material should be dealt with on the basis of the hazardous component(s).

7. HANDLING AND STORAGE

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of extreme heat, moisture and incompatibilities. Observe all warnings and precautions listed for the product. Keep this and all chemicals out of the reach of children. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): N/A

ACGIH Threshold Limit Value (TLV): N/A

WEL: N/A

Ventilation System: A system of local and/or general exhaust is recommended to maintain fresh air.

Personal Respirators (NIOSH Approved): None suggested for normal use.

Skin Protection: Wear impervious gloves to minimize prolonged skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize exposure. Wash hands after handling this material, and before eating or smoking.

9. PHYSICAL/CHEMICAL PROPERTIES

Boiling Point: >400°F

Vapor pressure (mm Hg): Not applicable

Vapor Density (Air = 1): Not applicable

Solubility in water: Dispersible

Appearance and odor: Waxy blue solid with a wintergreen odor.

Specific gravity (H₂O = 1):

Melting Point (Pour Point): <135°F

Evaporation Rate (Water = 1): Not applicable

pH of 5% solution: 5.5-6.5

10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers

Conditions to Avoid: Heat, incompatibles.

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11. TOXICOLOGICAL INFORMATION

NTP Carcinogen: No

Ingredient: Methyl Salicylate CAS No. 119-36-8.

Toxicological Information: LD50 Oral Rat: 887 mg/kg. Reported fatal dose in adult human - 30 ml by ingestion.

Inhalation: Vapour is irritating to the respiratory system.

Ingestion: Harmful by ingestion.

Skin: Reported as mild skin irritant in rabbits.

8% solution in mineral oil not irritating when applied to human skin.

Eyes: Irritating to eyes.

Ocular application extremely irritating in rabbits.

Other Health Effects: Reported to cause mutagenic effects.

Medical Considerations: In use, some individuals may exhibit salicylate hypersensitivity characterised by urticaria, rhinitis, dyspnoea.

12. ECOLOGICAL INFORMATION

Basis for Assessment

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Ingredient: Methyl Salicylate CAS No. 119-36-8.

Ecotoxicological Data: EC50 24 hours daphnia 50 mg/l

Ecological Information: Avoid release to the environment.

Bioaccumulation: Does not bioaccumulate significantly.

Degradability: Potentially biodegradable.

Mobility: Dispersible in water.

Other Adverse Effects: Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential. Product is a mixture of components which are not expected to be released to air in any significant quantities.

13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

US DOT: None

ADR/RID Transport Information: Not dangerous for transport under ADR/RID, IMO and IATA/ICAO regulations.

ADR/RID Class: None Allocated

ADR/RID Packing Group: None Allocated

IMDG Hazard Class: None Allocated

IMDG Packing Group: None Allocated

ADNR Class: None Allocated

ADNR Item: None Allocated

IATA Hazard Class: None Allocated

IATA Packing Group: None Allocated

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15. REGULATORY INFORMATION

Risk Phrases:

R21: Harmful in contact with skin.
R22: Harmful if swallowed
R34: Causes burns
R36/38: Irritating to eyes and skin
R50: Very toxic to aquatic organisms

Safety phrases:

S2: Keep out of reach of children
S24/25: Avoid contact with skin and eyes
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

US EPA

Comprehensive Environmental Response Compensation and Liability

Act of 1980 (CERCLA) requires notification of the National Response Center of release quantities of Hazardous Substances is not required for this material.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

Poison Schedule: 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.

EU: Not classified

16. OTHER INFORMATION

NFPA Ratings: Health: 0 Flammability: 0 Reactivity: 0

Label Hazard Warning: None

Label Precautions:

Keep out of reach of children.
Do not take internally
Do not store above 120°F

Label First Aid: None

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