

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION.****Mart Tech Services -Arcus Inc**

2450 Adie Rd.  
Maryland Heights, MO 63043  
800/543-6278  
INFOTRAC: 800-535-5053

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PRODUCT NAME: **Powerkleen Defoamant S**  
PRODUCT DESCRIPTION: milky liquid. mild odor  
CHEMICAL FAMILY: Silicone emulsion defoamer  
REVISION DATE: 04/02/12 PRINT DATE: 04/02/12 PRINT TIME: 15:34

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**SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS.**

Hazard CAS # WT/Wt % Less Than  
NO HAZARDOUS INGREDIENTS PER CURRENT OSHA REGULATIONS  
This product contains no ingredients currently regulated as hazardous by OSHA (29 CFR 1910).

NOTE 1 - Section 313 Supplier Notification: "SARA Rep." identifies chemical ingredients subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986. This information should be included in all MSDS's that are copied and distributed for this material.

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**SECTION 3 - HAZARDS IDENTIFICATION.**

HEALTH----- 0  
INSTABILITY----- 0  
FIRE----- 0  
OTHER----- -

HAZARD SIGNAL (short term contact or inhalation only):  
(0=insignificant; 1=slight; 2=moderate; 3=high; 4=extreme)

THRESHOLD LIMIT VALUE: N.E., blended product. See Section 2 for information on listed ingredients.

PRIMARY ROUTES OF ENTRY: Eye contact.

EFFECTS OF ACUTE OVEREXPOSURE:

Eyes - Irritation.  
Skin - Drying of skin possible with prolonged contact.  
Inhalation of mists of product or solution - Possible irritation.  
Swallowing - Stomach upset possible.

EFFECTS OF CHRONIC OVEREXPOSURE: Unknown; none expected beyond acute effects.

CARCINOGENICITY: This product or its ingredients have not been identified as a carcinogen or probable carcinogen by NTP, IARC monographs, or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known or expected.

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**SECTION 4 - FIRST AID MEASURES.**

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EYES - Immediately flush with cool running water holding eye lids apart. Remove contact lenses if present, and continue flushing for 15 minnutes. Get medical assistance if irritation persists or is severe.

SKIN - Flush thoroughly with running water. Remove contaminated clothing and wash before reuse. If irritation develops and persists, get medical advice or assistance.

INHALED - Remove to fresh air. Immediately call for medical advice or assistance if breathing difficulty or irritation is severe or continues.

SWALLOWED - Rinse mouth with large amounts of water. Drink water, milk or other fluids to dilute. Do not induce vomiting. Call for medical advice or assistance if difficulties and discomfort develop and continue.

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#### **SECTION 5 - FIRE FIGHTING MEASURES.**

FLASH POINT none  
 FLAMMABLE LIMITS LEL-UEL none

Extinguishing media: As needed for surrounding fire.

Special Fire Fighting Procedures: For any chemical fire wear self contained breathing apparatus, and protective clothing to prevent contact.

Unusual Fire and Explosion Hazards: None.

Hazardous Combustion Products: Oxides of Carbon and Silicon.

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#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES.**

Small Spills: Flush to drain with excess water.

Disposal: Normally sewer disposable in dilute solutions.

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#### **SECTION 7 - HANDLING AND STORAGE.**

Handling: Rinse after use. Avoid breathing mists of product or solution.  
 Prevent contact with incompatable materials; see Section 10.

Storage: Keep containers tightly closed. Keep from freezing; may rupture container or degrade product.

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#### **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION.**

Ventilation: Normally not necessary. If mists are generated have general or local ventilation to avoid breathing irritating mists .

Respirator: None normally required.

Eye Protection: none required

Protective Clothing: Impermeable gloves as needed to prevent excessive contact.

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#### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES.**

BOILING POINT	212
VAPOR PRESSURE(MM HG@70°F)	ne.
SPECIFIC GRAVITY	1
VAPOR DENSITY(AIR=1)	ne.
PERCENT VOLATILE	ne.
EVAPORATION RATE(ETHER=1)	like water
SOLUBILITY IN WATER	appreciable
PH	neutral

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APPEARANCE AND ODOR milky.  
V.O.C. ne.

Boiling Point: 212 ±10°F Vapor Pressure: N.E.

Specific Gravity: 1.0 ±0.1 Vapor Density: N.E.

Percent Volatile: >80 Evaporation Rate: Like water.  
n-Butyl acetate = 1

Solubility in Water: Complete. pH: 7 ± 1

Appearance and Odor: See Section 1. V.O.C.: Nil.

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#### SECTION 10 - STABILITY AND REACTIVITY.

Stable: Yes. Hazardous Polymerization will not occur.

Conditions to Avoid: Contact with incompatible materials (see below).

Incompatible Materials: Strong acids and alkalies.

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#### SECTION 11 TOXICOLOGICAL INFORMATION

no data

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#### SECTION 12 - ECOLOGICAL INFORMATION

no data

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#### SECTION 13 - DISPOSAL INFORMATION

WASTE MANAGEMENT INFORMATION:

This product when disposed of MAY BE classified as a hazardous waste per 40 CFR, part 261. The user is responsible for treating spilled or unused material in accordance with all local, state, and federal regulations. (Refer to 40 CFR, part 261, subparts C and D; and 40 CFR, 1900.1200 OSHA regulations.)

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#### SECTION 14 - TRANSPORT INFORMATION

DOT Information- 49 CFR 172.101

DOT Description: NON-REGULATED BY D.O.T.

CONTAINER/MODE: (LIQUID)Case/DRUM

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#### SECTION 15 - REGULATORY INFORMATION

US FEDERAL Regulations: (TSCA Toxic Substances Control Act)Status

TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ-40 CFR 302.4 (a): none listed

SARA 302 COMPONENTS-40 CFR 355 APPENDIX A: NONE

SECTION 311/312 HAZARD CLASS - Acute: None, Chronic: None, Fire: None, Pressure: None, Reactivity: None

SARA 313 COMPONENTS - 40 CFR 372.65: NONE

International Regulations Inventory Status: not determined

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#### SECTION 16 - OTHER INFORMATION

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DISCLAIMER:

The above information is, to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the users's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us as to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exceptional conditions or circumstances exist or because of applicable laws or regulations.

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NE = NOT ESTABLISHED / NA = NOT APPLICABLE

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