

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION.

MART TECHNICAL SERVICES -ARCUS INC.

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 Maryland Heights, MO 63043
 800/543-6278
 MEDICAL EMERGENCY 1-800-246-2890

PRODUCT NAME: **POWER KLEEN DEFOAMANT S 1 gallon**
 PRODUCT DESCRIPTION: milky liquid. mild odor
 CHEMICAL FAMILY: Silicone emulsion defoamer
 REVISION DATE: 12/23/04 PRINT DATE: 10/25/05 PRINT TIME: 11:50
 Further Proper Shipping Names may be appropriate, depending on circumstances.

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS.

<u>Hazard</u>	<u>CAS #</u>	<u>WT/Wt % Less Than</u>
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: "1" 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.

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.

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.

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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES.

Small Spills: Flush to drain with excess water.

Large Spills: Stop source of discharge if safe to do so. Contain spilled material, and keep from discharging to surface waters. Recover to drum for later use, treatment or disposal. Flush residual to drain. Notify local, state, or national authorities if required.

Disposal: Normally sewer disposable in dilute solutions. Check with local authorities about any possible restrictions.

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SECTION 7 - HANDLING AND STORAGE.

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

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

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. NIOSH/MSHA approved respirator where conditions may cause exposure limits to be exceeded from mists of product or solution.

Eye Protection: Glasses, goggles, or face shield where conditions may cause excessive eye exposure.

Protective Clothing: Chemical resistant, impermeable gloves as needed to prevent excessive contact. Full body covering covering and shoes as needed to prevent excessive contact.

Other Protective Equipment or Measures: Eye wash stations or running water in the work area.

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
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.

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.

NE = NOT ESTABLISHED / NA = NOT APPLICABLE
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