

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PARKELL PRODUCTS INC.
155 Schmitt Blvd.
Farmingdale, NY 11735

Company Telephone Number: (631) 249-1134
24-Hour Emergency Phone: InfoTrac 1-800-535-5053

PRODUCT NAME: TRIPHASIC ALGINATE

MSDS NO: S400, VAR.

SECTION 2 – COMPOSITION INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	PEL	TLV	%
Silicone Dioxide (Diatomaceous Earth)	7631-86-9			

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation from powder.

SKIN: May cause a dry feeling.

INHALATION: May cause irritation from powder.

INGESTION: If large quantities are ingested it may result in an intestinal obstruction.

CHRONIC EFFECTS: Prolonged exposure to respirable silicone dioxide may cause chronic lung injury (silicosis). Acute developing silicosis may occur in a short time in heavy exposure. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death. The International Agency for Research on Cancer (IARC) reports sufficient evidence of the carcinogenicity of silica to humans. IARC Group 1.

SIGNS & SYMPTOMS: Irritation and soreness in throat and nose.

CARCINOGENECITY: No NTP? Yes IARC MONOGRAPHS? No OSHA?

SECTION 4 – FIRST-AID MEASURES

INHALATION: Remove to fresh air, drink water to clear throat and blow nose to evacuate dust.

EYES: Flush eyes with water for at least 15 minutes.

SKIN: Wash with soap and water. Use hand lotion.

INGESTION: For large quantities, consult physician.

NOTE TO PHYSICIANS:

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (TCC): NA FLAMMABLE LIMIT (air, % by vol.) UPPER: NA LOWER: NA

FLAMMABILITY CLASSIFICATION (CFR 1910.1200): NA

EXTINGUISHING MEDIA: Material is non-combustible. Use extinguishing media to fight primary cause of fire.

FIRE FIGHTING INSTRUCTIONS: NA

UNUSUAL FIRE & EXPLOSION Powder mixed with air may produce conditions conducive to explosion if spark source is present.

HAZARDS: present.

HAZARDOUS COMBUSTION PRODUCTS: NA

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Avoid generating dust while sweeping, use sweeping compound to keep dust down. If an excessive amount of dust is generated use a filter equipped vacuum.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Handle in a manner as to prevent water contamination.

STORAGE: Store in cool dry place at a maximum temperature of 25°C.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special protection required.

EYE/FACE PROTECTION: As necessary for dust.

SKIN PROTECTION: Disposable vinyl gloves.

RESPIRATORY PROTECTION: As necessary for dust.

EXPOSURE GUIDELINES:

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White powder with vanilla flavor.

BOILING POINT: NA

VAPOR PRESSURE: NA

VAPOR DENSITY (Air = 1): NA

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (H₂O = 1):

PERCENT VOLATILES:

EVAPORATION RATE (Butyl Acetate = 1):

PH:

>1.0

NA

NA

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SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Yes HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Avoid sparks or sources of ignition when dust is present in the air.
INCOMPATIBILITY (Materials to avoid): Hydrofluoric Acid
HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 11 – TOXICOLOGICAL INFORMATION**SECTION 12 – ECOLOGICAL INFORMATION**

No environmental hazard when material is handled in accordance with official regulations.

SECTION 13 – DISPOSABLE CONSIDERATIONS

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

SECTION 14 – TRANSPORT INFORMATION (not meant to be all-inclusive)

PROPER SHIPPING NAME: Not DOT or IATA regulated.
DOT HAZARD LABEL: UN/NA NUMBER:

SECTION 15 – REGULATORY INFORMATION (not meant to be all-inclusive)**SECTION 16 – OTHER INFORMATION**

NFPA CODES: HEALTH - 2 FLAMMABILITY - 0 REACTIVITY - 1
WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking or smoking.
DATE PREPARED: 01/04/06 PREPARED BY: R. Burke

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