



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3007

PRODUCT NAME: **KLARIFIANT**

USE: Paint Booth Deflocculant

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E

CHEMICAL FAMILY: alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium carbonate	30-60	000497-19-8	LD50 4090 mg/kg	oral/rat
Sodium metasilicate	30-60	006834-92-0	LD50 1153 mg/kg	oral/rat
Petroleum hydrocarbon	1-5	064742-48-9	not available	n/a

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

Eye: safety glasses

Footwear: not required

Respiratory: NIOSH approved dust mask.

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and prolonged skin contact. Avoid breathing dust.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acidic materials

SPILL PROCEDURES: Do not allow the spilled product to go to drain. Sweep or scoop up material for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN1759

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Light orange powder

S.G. / BULK DENSITY(g/cc): 1.0

pH: (1% solution) 12

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not applicable

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

SKIN: May cause severe irritation.

INGESTION: No serious or irreversible effects expected.

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): 1153 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: Sodium metasilicate TLV 2 mg/m3; Petroleum hydrocarbon TLV 300 ppm	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/App
EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: not required	
HAZARDOUS COMBUSTION PRODUCTS: not applicable.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : Acidic Materials	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids will generate carbon dioxide	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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