

MATERIAL SAFETY DATA SHEET
May be used to comply with
OSHA's Hazard Communication
Standard, 29CFR 1910.2100.

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health
Administration (Non-Mandatory Form)

015-NDT-STD-CLEANER (BULK) (OKI BERING PT.# 0-2001-1/0-2001-5)

KCI, INC.
3710 N. DAVIDSON STREET
CHARLOTTE, N.C. 28205

CHEMTREC (24-HOUR) 800-424-9300
INFORMATION 704-372-8435
DATE PREPARED: JANUARY 10, 2011

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
Hazardous components OSHA PEL ACGIH TLV %(optional)
*METHYLENE CHLORIDE CAS#75-09-2 25ppm(8hrTWA) 50ppm(8hrTWA) 100

*SEE ATTACHED FOR SARA TITLE III NOTIFICATION AND ADDITIONAL
HEALTH DATA.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	104F	Specific Gravity(H2O=1):	>1.32
Vapor Pressure:	390 (mmHg)	Melting Point:	N/A
Vapor Density:	2.9	Evaporation Rate:	14.50 (Butyl Acetate=1)

Solubility in Water: % by weight, 1.3.
Appearance and Odor: Clear, colorless liquid with a chloroform-like odor.
% Volatile: 100.

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None (TCC)	% by volume	N/A	N/A

Extinguishing Media: Carbon dioxide, dry chemical or foam.
Special Firefighting Procedures: Pressure-demand, self-contained
protection
should be provided for
protection. Storage
containers exposed to fire should be
kept
cool with water.

Unusual Fire and Explosion Hazards: At high temperatures, over-pressurization of containers can result.

MSDS01008



SECTION V-REACTIVITY DATA

Stability:	Unstable	Conditions to Avoid
	Stable X	Open flames & electrical arcs.

Incompatibility (Materials to Avoid)

Avoid contact with oxygen, nitrogen, peroxide, oxidizers and reactive metals (i.e. aluminum, potassium, sodium.)

Hazardous Decomposition or Byproducts:
Combustion may yield CO, CO₂, phosgene and/or HCL.

Hazardous May Occur: Condition to Avoid
Polymerization N/A
Will Not Occur: X

SECTION VI-HEALTH HAZARD DATA

Routes of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Inhalation- in confined or poorly ventilated areas, vapors can readily accumulate and can cause unconsciousness and death. Minimal anesthetic or narcotic effects may be seen in 500-1000 ppm range. Progressively higher levels over 1000ppm can cause unconsciousness and death. These high levels may also cause cardiac arrhythmias. Excessive exposure may cause irritation to upper respiratory tract and may cause carboxyhemoglobinemia.

Carcinogenicity:**Yes-NTP Yes-IARC Monographs No-OSHA REGULATED

Signs and Symptoms of Exposure: Light-headedness & nausea.
Irritating to the eyes and the skin.

Medical Conditions

Generally Aggravated by Exposure: Prolonged contact with high concentrations can lead to serious kidney and liver damage.

Emergency First Aid Procedures: Eyes-flush with water for 15 minutes. Skin-wash area with soap & water. Ingestion-drink water, induce vomiting. Inhalation-remove to fresh air. Call a physician.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Release or Spilled
Spills should be soaked up with absorbent. Area should then be flushed with water. All rinsate should be containerized & labeled. Spills on areas that are not on pavement can be handled by removing the affected soils.

Waste Disposal Method:

The materials resulting from clean-up operations may be hazardous wastes, and therefore subject to local, state, & federal regulations. Full or partially filled containers considered hazardous waste.

Precautions to Be Taken in Handling and Storage:

Label all containers. Store containers in a cool, dry, well ventilated area. Store away from heat and flames.

Other Precautions:

NIA

SECTION VIII-CONTROL MEASURES

Respiratory Protection (specify Type)

Respiratory protection in accordance with 29CFR 1910.134.

Ventilation: Local Exhaust-Sufficient to maintain TLV.

Special-N/A

Mechanical (General)-N/A

Other-N/A

Protective Gloves-polyfluorinated polyethylene suggested.

Eye Protection-face shield and goggles should be worn.

Other Protective Clothing or Equipment: See 29CFR 1910.132&133

Work/Hygienic Practices: Wash skin with soap and water.

SARA TITLE III NOTIFICATION/INFORMATION

All chemical compounds marked with an asterisk() are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act(SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

NEW JERSEY RIGHT TO KNOW INFORMATION

(5 MOST PREDOMINANT INGREDIENTS/HAZARDOUS & NON-HAZARDOUS)

METHYLENE CHLORIDE CAS#75-09-2

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH-2

FLAMMABILITY-0

REACTIVITY-1

HAZARD RATING

4-SEVERE HAZARD

3-SERIOUS HAZARD

2-MODERATE HAZARD

1-SLIGHT HAZARD

0-MINIMAL HAZARD

NATIONAL FIRE PROTECTION ASSOCIATION

HEALTH-2

FLAMMABILITY-0

REACTIVITY-1

OTHER-NONE

4-SEVERE HAZARD

3-SERIOUS HAZARD

2-MODERATE HAZARD

1-SLIGHT HAZARD

0-MINIMAL HAZARD