

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236

I-PRODUCT IDENTIFICATION

KLEENZOL

PRODUCT CODE: #148

CHEMICAL FORMULATION: ALL PURPOSE NEUTRAL CLEANING CONCENTRATE

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH:1 FLAMMABILITY: 0 REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
BUTYL CELLOSOLVE			50 ppm		

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (C/F): >200°F	MELTING POINT: N/A
VAPOR PRESSURE (mm Hg.)Psig U.K	SPECIFIC GRAVITY (WATER = 1): 1.06
VAPOR DENSITY (AIR = 1): >1	VOC CONTENT (% by weight):
SOLUBILITY IN WATER: COMPLETE	EVAPORATION RATE (Butyl acetate =1): N/A
	pH:
APPEARANCE AND ODOR: DARK BROWN, BUTYL ODOR	

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/C): NONE	(TEST METHOD):
FLAMMABLE LIMITS: N/A	UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: N/A	

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	N/A
CONDITIONS TO AVOID:	N/A
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	N/A
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	N/A

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? N/A SKIN? N/A INGESTION? N/A EYES? N/A
HEALTH HAZARDS (ACUTE & CHRONIC): HARMFUL IF SWALLOWED. MAY CAUSE SKIN AND EYE IRRITATION.

CARCINOGENICITY? NA NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A

EFFECTS OF OVEREXPOSURE

IF IN EYES:

IF ON SKIN:

IF SWALLOWED:

IF INHALED:

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: WASH WITH PLENTY OF WATER

IF ON SKIN: WASH WITH PLENTY OF WATER

IF SWALLOWED: INDUCE VOMITING, CALL A PHYSICIAN

IF INHALED:

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH WITH LARGE AMOUNT OF WATER.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH GOVERNMENT REGULATIONS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: ACCEPTABLE Mechanical: NOT REQUIRED Special: N/A
Other: NONE

RESPIRATORY PROTECTION: N/A

PROTECTIVE GLOVES: NOT REQUIRED

EYE PROTECTION: NOT REQUIRED

OTHER PROTECTIVE EQUIPMENT: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP MATERIAL FROM FREEZING. IF MATERIAL HAS FROZEN, ALLOW MATERIAL TO COMPLETELY THAW AND COME TO ROOM TEMPERATURE BEFORE USING.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES : N/A

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Prepared By:

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