

MSDS NO. K6-205

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SECTION #1: PRODUCT IDENTIFICATION

Product Name: VENT CLEAN, K6-205 Rating Scale
 Appearance and Odor: CLEAR OPAL LIQUID WITH LIME ODOR 0 = Minimal
 Use: CLEANING/DEGREASING AIR VENTS 1 = Slight
2 = Moderate
 Hazard Rating (NFPA): Health = 2 Reactivity = 0 3 = Serious
4 = Severe
Fire = 02 Special = NONE

Hazard Rating (HMIS): Health = 2 Flammability = 0 Reactivity = 0

SECTION #2: HAZARDOUS INGREDIENT INFORMATION

COMMON CHEMICAL NAME	CAS #	ACGIH / TLV	OSHA / PEL	%
ETHYLENE GLYCOL	111-76-2	25 PPM	25 PPM	< 3.00
MONOBUTYL ETHER				

THIS PRODUCT CONTAINS NO INGREDIENTS OTHER THAN THOSE LISTED ABOVE WHICH ARE CONSIDERED HAZARDOUS ACCORING TO 29 CFR 1910.1200.

THIS PRODUCT IS NOT A CARCINOGEN OR POTENTIAL CARCONOGEN AS DEFINED BY OSHA, THE NTR, OR THE IARC MONOGRAPHS.

SECTION #3: PHYSICAL DATA

Boiling Range: >212F
 pH (concentrate): 12.0 - 13.0
 Vapor Pressure (MM HG): UNKNOWN
 Solubility in Water: COMPLETE
 Specific Gravity (WATER=1): 1.00 +/- 0.02
 Evaporation Rate (WATER=1): <1
 Percent Volatile: 96%

SECTION #4: FIRE/EXPLOSION INFORMATION

Flash Point: NO FLASH AT BOIL (C.C. METHOD)
 Explosive Limits: NOT APPLICABLE
 Extinguishing Media: NOT APPLICABLE
 Fire Fighting Procedures: AVOID CONTACT WITH THIS MATERIAL. AVOID WALKING IN SPILLED MATERIAL. WEAR PROTECTIVE CLOTHING FOR SKIN AND EYES.

SECTION #5: REACTIVITY DATA

Stability: STABLE
 Materials to Avoid: ACIDIC CONDITIONS
 Hazardous Decomposition: NONE
 Hazardous Polymerization: WILL NOT OCCUR

SECTION #6: HUMAN HEALTH HAZARD INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE:

Inhalation: EXPOSURE TO VAPOR OR MIST IS POSSIBLE. SHORT TERM INHALATION IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; BREATHING LARGE AMOUNTS MAY BE HARMFUL. SYMPTOMS ARE MORE TYPICALLY SEEN AT AIR CONCENTRATIONS EXCEEDING THE RECOMMENDED EXPOSURE LIMITS.

Skin: EXPOSURE MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE: ALLERGIC SKIN REACTION. SKIN ABSORPTION IS POSSIBLE, BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM THIS ROUTE OF EXPOSURE UNDER NORMAL CONDITIONS OF HANDLING AND USE.

Eyes: EXPOSURE MAY CAUSE NOTICEABLE PAIN, SEVERE IRRITATION AND TRANSIENT CORNEAL INJURY.

Ingestion: THIS MATERIAL IS LOW TO MODERATELY TOXIC. MAY CAUSE HEADACHE, DIZZINESS, GASTROINTESTINAL DISTRESS, METABOLIC ACIDOSIS, LIVER AND KIDNEY INJURY.

Health Hazards (Acute and Chronic): REPEATED EXPOSURE TO THIS PRODUCT MAY CAUSE DAMAGE TO THE LIVER AND KIDNEYS.

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO

EMERGENCY FIRST AID PROCEDURES:

Inhalation: IF DIFFICULTY IN BREATHING IS EXPERIENCED, REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION.

Ingestion: GIVE VINEGAR OR FRUIT JUICE FOLLOWED WITH OLIVE OIL. SEEK MEDICAL ATTENTION.

Eye Contact: FLUSH EYES WITH LOW PRESSURE WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN OR WASH WITH 5% BORIC ACID SOLUTION. SEEK MEDICAL ATTENTION.

Skin Contact: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER.

SECTION #7: PRECAUTIONS FOR DISPOSAL, SAFE HANDLING, AND USE

Small Spills: ABSORB WITH AN INERT SOLID AND SCOOP UP FOR DISPOSAL, THEN RINSE SOILED AREA WITH WATER DOWN THE DRAIN.

Large Spills: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER, THEN TREAT AS A SMALL SPILL.

Non-Reclaimable Spills: FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Precautions To Be Taken In Handling and Storage: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SHELF LIFE: 2 YEARS MINIMUM.

SECTION #8: CONTROL MEASURES

Respiratory Protection: IF WORKPLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENT ARE EXCEEDED (SEE EXPOSURE GUIDELINES), A NIOSH-MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS (SEE YOUR INDUSTRIAL HYGIENIST). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW LEVEL OF OVEREXPOSURE (FROM KNOWN, SUSPECTED OR APPARENT ADVERSE EFFECTS).

Skin Protection: WEAR RUBBER GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER). TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Eye Protection: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. CONSULT YOUR SAFETY REPRESENTATIVE.

Work/Hygienic Practices: EXHIBIT NORMAL SAFE WORKPLACE HABITS.

SECTION 9: TRANSPORTATION

DOT Shipping Name: NON-HAZARDOUS LIQUID

Placarding:

Hazard Class:

Identification No.:

Packing Group:

RQ (Reportable Quantity): NOT APPLICABLE

SECTION 10: REGULATORY INFORMATION

SARA Section 311/312 Hazard Class - 40 CFR 370.2: Immediate (X), Delayed (X), Fire (), Reactivity (), Sudden Release of Pressure ().

SARA 313 Components - 40 CFR 372.65:

CAS#: 111-76-2, Chemical Name Ethylene Glycol Monobutyl Ether, <3.00%.

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. USERS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT INFORMATION IS CURRENT, APPLICABLE AND SUITED TO THE CIRCUMSTANCES OF USE. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. FURTHERMORE, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY CAUSED BY ABNORMAL USE OF THIS MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.