

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name : **VECTAIR MICRO CLEAN DRAIN CLEANER**
Datasheet No. : VINC 2.0.5
Product Use : DRAIN CLEANER

Supplier : Vectair Systems Inc
Address : PO Box 11068, Memphis, TN 38111, USA
Telephone : 877-697-7276 Toll-Free
Fax : 901-377-8446

 EMERGENCY TELEPHONE NUMBER:
Call INFOTRAC : 1-800-535-5053 24-Hrs per Day; 7-Days per Week

1.2 Trading Name

Microclean Drain Cleaner

2. COMPOSITION / INFORMATION ON CONSTITUENTS

Hazardous Ingredients % Exposure Limit C.A.S. # LD/50, Route, Species LC/50 Route, Species
WATER 60-100 - Not established 7732-18-5 N/A N/A. BACTERIA CULTURES 1-5 N/A N/A N/A

3. HAZARD INFORMATION

ROUTE OF ENTRY:
INGESTION..... MAY CAUSE HEADACHE, NAUSEA,
VOMITING
AND WEAKNESS.
INHALATION..... VAPORS CAN BE IRRITATING.
EYE CONTACT..... MAY CAUSE IRRITATION.
SKIN ABSORPTION..... MAY CAUSE IRRITATION.
SKIN CONTACT..... MAY CAUSE IRRITATION.
EFFECTS OF ACUTE EXPOSURE..... NONE KNOWN.
EFFECTS OF CHRONIC EXPOSURE..... NONE KNOWN.
EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE..... IN CASE OF CONTACT, IMMEDIATELY
FLUSH
SKIN OR EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; FOR EYES, GET
MEDICAL
ATTENTION. IN CASE OF INGESTION, DO NOT INDUCE VOMITING. CALL A PHYSICIAN
OR
POISON CONTROL CENTRE IMMEDIATELY AND HAVE NAMES OF INGREDIENTS
AVAILABLE.

5. FIRE FIGHTING METHODS

AUTO IGNITION TEMPERATURE (°C)..... NO T APPLICABLE.
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE
USED TO COOL CLOSED CONTAINERS TO
PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE

MATERIAL SAFETY DATA SHEET

EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.
FLAMMABILITY..... NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS).
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
FLASH POINT (C), TAG CLOSED CUP..... NOT APPLICABLE.
UPPER FLAMMABLE LIMIT..... NOT APPLICABLE.
(% BY VOLUME)
LOWER FLAMMABLE LIMIT..... NOT APPLICABLE.
(% BY VOLUME)
EXPLOSION DATA
SENSITIVITY TO STATIC DISCHARGE..... NOT APPLICABLE.
SENSITIVITY TO IMPACT..... NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE.
CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION CLASSIFIED AS:.....NOT APPLICABLE.
FLASHBACK..... NONE.

6. ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA.
PREVENT FROM ENTERING A WATERCOURSE.

7. HANDLING & STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A COOL, WELL VENTILATED AREA
NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS..... NONE KNOWN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GLOVES/ TYPE..... WEAR CHEMICAL RESISTANT GLOVES. NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE..... NOT REQUIRED.
EYE/TYPE..... RECOMMENDED BUT NOT REQUIRED.
FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.
OTHER/TYPE..... NOT REQUIRED.

9. PHYSICAL & CHEMICAL PROPERTIES

MATERIAL SAFETY DATA SHEET

PHYSICAL STATE..... LIQUID.
APPEARANCE..... LIGHT YELLOW LIQUID.
ODOR..... MILD.
ODOR THRESHOLD..... NOT AVAILABLE.
VAPOUR PRESSURE (PSIG)-AEROSOL..... N/A.
@ 20 C
BOILING POINT (°C) (CONC)..... LOWEST KNOWN VALUE IS 100C BASED
ON
WATER.
EVAPORATION RATE..... LESS THAN 1.
n-BUTYL ACETATE = 1
VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER g/L (20°C)..... SOLUBLE.
pH..... 8.0 - 9.0.
SPECIFIC GRAVITY (LIQUID)..... 1.00-1.04.
COEFFICIENT OF WATER\OIL DIST..... NOT AVAILABLE.
FREEZING POINT: (°C)..... NOT AVAILABLE.
AEROSOL PERCENT VOLATILE..... 98-100.
(BY WEIGHT).

10. STABILITY & REACTIVITY

HAZARDOUS PRODUCTS OF
DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE.
CARBON
MONOXIDE WHERE COMBUSTION IS
INCOMPLETE.
CHEMICAL STABILITY:
YES..... UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?..... NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?..... NOT APPLICABLE.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO
ADVERSE REPRODUCTIVE EFFECTS ARE
ANTICIPATED.
IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.
CARCINOGENICITY OF MATERIAL..... THE INGREDIENTS OF THIS PRODUCT
ARE NOT
LISTED AS CARCINOGENS BY NTP,
(NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA,
(OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN
EVALUATED
BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH
(AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).
TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO
ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO
ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Ecotoxicity

ENVIRONMENTAL..... NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE
CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL,
PROVINCIAL
AND FEDERAL REGULATIONS.

14. TRANSPORT INFORMATION

D.O.T. CLASSIFICATION..... NOT REGULATED.

15. REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... NON HAZARDOUS.
CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE
LISTED
ON THE CANADIAN DOMESTIC
SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 1 SLIGHT HAZARD.
HMIS RATING FLAMMABILITY..... 0 MINIMAL HAZARD.
HMIS RATING REACTIVITY..... 1 SLIGHT HAZARD.
HMIS RATING PERSONAL PROTECTION..... B.
SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS NO
INGREDIENTS
SUBJECT TO THE REPORTING REQUIREMENTS
OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW
ACT OF
1986 AND OF 40 CFR 372. .
CAS #: CHEMICAL NAME: .N/A.
CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN
ORDER TO COMPLY WITH THE CALIFORNIA SAFE
DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986: .
WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS
KNOWN
TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER
REPRODUCTIVE HARM.
. CAS #: CHEMICAL NAME:
. N/A.
TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE
LISTED ON THE TSCA INVENTORY. ANY
IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
VOC (w/w%)..... 0.

16. OTHER INFORMATION

MATERIAL SAFETY DATA SHEET

NOTICE FROM VECTAIR SYSTEMS INC:

The information on this Material Safety Data Sheet whilst believed to be reliable is intended for use by skilled persons at their own risk. Vectair Systems Inc. assumes no responsibility for events resulting or damages occurring from its use. The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.