

MATERIAL SAFETY DATA SHEET



CLARIANT CORPORATION
4000 MONROE ROAD
CHARLOTTE, N.C. 28205

PHENONIP 276072	VERSION: 01 REVISED DATE: 01/29/2001
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For MSDS Info: (704) 331-7710
CLARIANT Corporation: (704) 331-7000

See 11/15 contain Toxic Info

----- H M I S -----
HEALTH 2 *
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION D

SECTION 01 - PRODUCT IDENTIFICATION

TRADE NAME: PHENONIP
PRODUCT CODE: 276072
VERSION NUMBER: 01
ALPHA CODE: NOT AVAILABLE
CAS NUMBER: MIXTURE
SYNONYMS: PRODUCT HAS NO SYNONYMS
CHEMICAL FAMILY: MIXTURE
FORMULA: MIXTURE
PRIMARY PRODUCT USE: PERSONAL CARE

SECTION 02 - COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

COMPONENT	CAS NO.	WT. %	PEL/TLV
2-PHENOXYETHANOL	122-99-6	72	NOT ESTABLISHED
LD50 (ORAL) (RAT) - 1,260 MG/KG			
GLYCOL ETHERS (SARA 313 CATEGORY), TOTAL GLYETHCMPD		72	NOT ESTABLISHED

SECTION 03 - HAZARDS IDENTIFICATION

(REFER TO SECTION 11 FOR ADDITIONAL INFORMATION)
EXPECTED ROUTE OF ENTRY:

SKIN CONTACT: X
SKIN ABSORPTION: X
EYE CONTACT: X
INHALATION: X
INGESTION: X

EFFECTS OF EXPOSURE

2-PHENOXYETHANOL: ORAL LD50(RAT): 1,260 MG/KG. A MILD SKIN IRRITANT AND A MODERATE TO SEVERE EYE IRRITANT WHICH MAY CAUSE SERIOUS DAMAGE TO THE EYES. SYSTEMIC EFFECTS OBSERVED IN ANIMALS INCLUDE HEMOLYSIS, KIDNEY AND LIVER DAMAGE, CENTRAL NERVOUS SYSTEM DEPRESSION, AND LESIONS IN BRAIN LUNGS, AND LIVER. CONTACT WITH LIPS, TONGUE, AND MUCOUS MEMBRANES CAN RESULT IN NUMBNESS DUE TO LOCAL ANESTHETIC EFFECT. MODERATELY TOXIC BY ACUTE INGESTION RESULTING IN GASTROINTESTINAL IRRITATION WITH NAUSEA, VOMITING, AND DIARRHEA WITH POSSIBLE LIVER AND KIDNEY INJURY. SIGNS OF OVEREXPOSURE MAY ALSO INCLUDE CENTRAL NERVOUS SYSTEM DEPRESSION

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SECTION 03 - HAZARDS IDENTIFICATION

(CONT.)

CHARACTERIZED BY EXCITEMENT, FOLLOWED BY HEADACHE, DIZZINESS, AND DROWSINESS. ADVANCED STAGES MAY CAUSE COLLAPSE, UNCONSCIOUSNESS, COMA, AND POSSIBLE DEATH. BRIEF CONTACT WITH UNDILUTED MATERIAL MAY CAUSE SLIGHT IRRITATION. REPEATED PROLONGED AND WIDESPREAD CONTACT, MAY RESULT IN SIGNIFICANT SKIN IRRITATION AND THE POSSIBLE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS. BEYOND THE SKIN IRRITATION, ADDITIONAL SIGNS AND SYMPTOMS OF TOXICITY WOULD BE SIMILAR TO INGESTION. INHALATION OF VAPORS AT ELEVATED TEMPERATURES OR MISTS MAY CAUSE IRRITATION OF THE NOSE AND UPPER RESPIRATORY TRACT. CONTACT WITH EYES CAUSES MODERATE TO SEVERE EYE IRRITATION INCLUDING POSSIBLE CORNEAL INJURY. BASED ON ANIMAL STUDIES, MAY CAUSE DEVELOPMENTAL TOXICITY UNDER CONDITIONS OF OVEREXPOSURE. LITTLE OR NO ADVERSE ENVIRONMENTAL EFFECTS ARE ANTICIPATED.

GLYCOL ETHERS (SARA 313 CATEGORY), TOTAL: GLYCOL ETHERS INCLUDE MONO- AND DI- ETHERS OF ETHYLENE GLYCOL, DIETHYLENE GLYCOL, AND TRIETHYLENE GLYCOL WHICH ARE REGULATED AS A CHEMICAL CATEGORY UNDER SARA SECTION 313 REGULATIONS. THE HEALTH EFFECTS OF GLYCOL ETHERS VARY WITH THE PARTICULAR GLYCOL ETHER. THESE EFFECTS MAY INCLUDE IRRITATION TO THE SKIN, EYES, RESPIRATORY TRACT, AND MUCOUS MEMBRANES. THEY MAY INCLUDE EFFECTS ON THE REPRODUCTIVE SYSTEM, INCLUDING REDUCTION OF SPERM COUNT OR BIRTH DEFECTS.

KNOWN EFFECTS ON OTHER ILLNESSES:

ANY EXISTING HEALTH CONDITION.

LISTED CARCINOGEN:

NONE: X
OSHA:
NTP:
IARC:
OTHER:

SECTION 04 - FIRST AID MEASURES

FIRST AID FOR EYES:

IMMEDIATELY FLUSH UNDER RUNNING WATER FOR AT LEAST FIFTEEN MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER EYELIDS. SEEK IMMEDIATE MEDICAL ATTENTION.

FIRST AID FOR SKIN:

REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER FOR 15 MINUTES. IF CONTACT HAS BEEN WIDESPREAD OR PROLONGED, OR IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE.

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SECTION 04 - FIRST AID MEASURES

(CONT.)

FIRST AID FOR INHALATION:

GET VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF BREATHING HAS STOPPED. GET PROMPT MEDICAL ATTENTION. DO NOT GIVE FLUIDS IF VICTIM IS UNCONSCIOUS.

FIRST AID FOR INGESTION:

DRINK LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTE TO PHYSICIAN:

NONE KNOWN

SECTION 05 - FIRE FIGHTING MEASURES

FLASH POINT ('F): ~250

FLAMMABLE LIMITS:

LEL:

UEL:

AUTOIGNITION TEMPERATURE ('F)

HAZARDOUS COMBUSTION PRODUCTS:

THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON, VARIOUS HYDROCARBONS, ETC.

EXTINGUISHING MEDIA:

WATER: X

ALCOHOL FOAM: X

CO2: X

DRY CHEMICAL: X

WATER/FOG SPRAY: X

NO EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES:

EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

EMITS TOXIC AND CORROSIVE FUMES UNDER FIRE CONDITIONS.

SECTION 06 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

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SECTION 06 - ACCIDENTAL RELEASE MEASURES

(CONT.)

WEAR PROPER PROTECTIVE EQUIPMENT. CONTAIN SPILL. SPILLS SHOULD BE COLLECTED AS A LIQUID OR ABSORBED ON SUITABLE ABSORBANT AND PLACED IN PROPER CONTAINERS FOR DISPOSAL. DO NOT DISCHARGE INTO STORM DRAINS OR THE AQUATIC ENVIRONMENT.

SECTION 07 - HANDLING AND STORAGE

HANDLING AND STORAGE INFORMATION:

STORE IN CLOSED CONTAINERS. AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPORS. STORE BETWEEN 32F AND 104F.

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

IF AIRBORNE CONCENTRATIONS POSE A HEALTH HAZARD, BECOME IRRITATING OR EXCEED RECOMMENDED LIMITS, USE A NIOSH APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA RESPIRATORY PROTECTION REQUIREMENTS UNDER 29 CFR 1910.134

PROTECTIVE GLOVES:

NEOPRENE OR NITRILE

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES

OTHER PROTECTIVE EQUIPMENT:

CLOTHING SUITABLE TO PREVENT SKIN CONTACT.

VENTILATION:

LOCAL VENTILATION RECOMMENDED - MECHANICAL VENTILATION MAY BE USED.

EXPOSURE LIMITS

IDLH (IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONCENTRATION)

NOT DETERMINED

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: COLORLESS, VISCOUS LIQUID, FAINTLY AROMATIC ODOR

ODOR THRESHOLD: NO DATA AVAILABLE

FH (2 % IN WATER): 7.0

SOLUBILITY IN WATER: 0.5%

SPECIFIC GRAVITY: 1.123

BOILING POINT (°F): 435 - 482

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SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

(CONT.)

MELTING POINT (°F): 55
FREEZING POINT (°F): NOT AVAILABLE
VAPOR PRESSURE(MM HG): 0.04
VAPOR DENSITY (AIR=1): NOT AVAILABLE
EVAPORATION RATE: NOT AVAILABLE
LOSS ON DRYING(%): NOT AVAILABLE
VOC(EPA METHOD 24/24A): NOT AVAILABLE
OCTANOL/WATER PARTITION COEFFICIENT:

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITIONS TO AVOID: NONE

HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS. CONTACT WITH STRONG ACIDS AND BASES MAY CAUSE HYDROLYSIS OF PRODUCT.

SECTION 11 - TOXICOLOGICAL INFORMATION

LD50 (ORAL-RAT): MG/KG BODY WEIGHT
DERMAL IRRITATION-RABBIT: NOT TESTED
EYE IRRITATION-RABBIT: NOT TESTED

OTHER TOXICOLOGICAL VALUES:

ACUTE ORAL LD50 FOR COMPONENTS
2-PHENOXYETHANOL 1260 MG/KG (RAT)

SECTION 12 - ECOLOGICAL INFORMATION

BIOLOGICAL ELIMINATION:

NONE % ANALYSIS METHOD: NONE

AQUATIC TOXICITY:

SPECIES: NONE LC100: NONE MG/L TIME: H
SPECIES: NONE LC 50: NONE MG/L TIME: H
SPECIES: NONE LC 0: NONE MG/L TIME: H

BACTERIAL INHIBITION:

NO INHIBITION (MG/L) NOT DETERMINED
50% INHIBITION (MG/L) NOT DETERMINED

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SECTION 12 - ECOLOGICAL INFORMATION

(CONT.)

BIOCHEMICAL OXYGEN DEMAND (BOD5-MG/L): NOT DETERMINED
CHEMICAL OXYGEN DEMAND (COD-MG/L): NOT DETERMINED

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION:

RECOMMENDED DISPOSAL IS BY INCINERATION IN APPROVED FACILITIES.

RCRA HAZARDOUS WASTE: NO - NOT AS SOLD.

RCRA #: NONE

FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS

SECTION 14 - TRANSPORT INFORMATION

DOT REGULATED: NO

HAZARD CLASSIFICATION: NOT REGULATED

SHIPPING NAME: CHEMICALS N.O.I

DOT REGULATED BULK ONLY: NO

CANADIAN TRANSPORT REGULATION: NOT DETERMINED

INTERNATIONAL AIR TRANSPORTATION REGULATIONS: NOT REGULATED

INTERNATIONAL MARITIME DANGEROUS GOODS REGULATION: NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE NOT REGISTERED UNDER THE
REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT.

SARA (SECTION 311/312):

REACTIVE HAZARD: N

PRESSURE HAZARD: N

FIRE HAZARD: N

IMMEDIATE/ACUTE: Y

DELAYED/CHRONIC: Y

SARA (SECTION 302):

CONTAINS AN EXTREMELY HAZARDOUS SUBSTANCE: N

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SECTION 15 - REGULATORY INFORMATION (CONT.)

SARA (SECTION 313 - TOXIC CHEMICAL):

THIS PRODUCT CONTAINS TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR 372. ANY SUCH TOXIC CHEMICAL(S) ARE SHOWN IN SECTION 02 OF THIS MSDS. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

CLEAN WATER ACT - PRIORITY POLLUTANTS:

CONTAINS NO KNOWN PRIORITY POLLUTANTS AT CONCENTRATIONS GREATER THAN 0.1%

CLEAN AIR ACT - VOLATILE ORGANIC COMPOUNDS:

VOC (EPA METHOD 24/24A): NOT AVAILABLE

LOSS ON DRYING (%): NOT AVAILABLE

CERCLA REGULATED COMPONENTS (AS LISTED IN SECTION 2)

COMPONENT	CAS NO.	WT. %	RQ (LB)
GLYCOL ETHERS (SARA 313 CATEGORY), TOTAL GLYETHCMPD		72	NO RQ

RCRA HAZARDOUS WASTE: NO - NOT AS SOLD.

RCRA #: NONE

FDA: THIS PRODUCT IS NOT REGISTERED WITH THE FDA

THIS PRODUCT IS NOT REGISTERED WITH THE USDA

CEPA: LISTED AS PRIORITY SUBSTANCE: NOT DETERMINED

LISTED AS TOXIC SUBSTANCE: NOT DETERMINED

EXPORT IS NOTIFIABLE: NOT DETERMINED

LISTED ON DSL: NOT DETERMINED

LISTED ON NDSL: NOT DETERMINED

CEPA STATUS:

PRODUCT NOT YET EVALUATED

WHMIS: NOT EVALUATED

SECTION 16 - OTHER INFORMATION

OTHER PRECAUTIONS:

WARNING: THIS PRODUCT IS TO BE USED AS A COSMETIC INGREDIENT ONLY. ANY OTHER USE WILL SUBJECT THE USER TO PENALTIES UNDER THE TOXIC SUBSTANCES CONTROL ACT AND THE REGULATIONS ISSUED THEREUNDER.

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SECTION 16 - OTHER INFORMATION

(CONT.)

PENNSYLVANIA: AS NOTED PER SECTION 2.

MASSACHUSETTS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS LISTED IN THE MASSACHUSETTS SUBSTANCE LIST IS SHOWN ABOVE IN SECTION 2 OF THIS MSDS. NON-HAZARDOUS COMPONENTS ARE BEING WITHHELD AS TRADE SECRET INFORMATION.

LABEL INFORMATION:

LABEL HAZARDS:

WARNING!

CAUSES MODERATE TO SEVERE EYE IRRITATION, RISK OF SERIOUS EYE DAMAGE.
CAUSES SKIN IRRITATION.
PROLONGED OR WIDESPREAD CONTACT MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS HARMFUL IF SWALLOWED OR INHALED.
EXCESSIVE EXPOSURE MAY CAUSE LIVER, KIDNEY, THYROID AND BLOOD EFFECTS.
MAY CAUSE DEVELOPMENTAL TOXICITY UNDER CONDITIONS OF OVEREXPOSURE.

CAUTION!

ONE OF THE COMPONENTS OF THIS PRODUCT IS NOT ON THE TSCA INVENTORY. IT CANNOT BE USED FOR ANY COMMERCIAL PURPOSES EXCEPT AS A BONAFIDE COSMETIC OR COSMETIC ADJUVANT, ADDITIVE, OR INGREDIENT; OR FOR RESEARCH AND DEVELOPMENT UNDER THE SUPERVISION OF AN INDIVIDUAL TECHNICALLY QUALIFIED TO UNDERSTAND ITS POTENTIAL HAZARDS.

LABEL PRECAUTIONS:

AVOID BREATHING VAPOR OR DUST. AVOID CONTACT WITH SKIN AND EYES. KEEP CONTAINER CLOSED WHEN NOT IN USE. USE WITH VENTILATION AND/OR RESPIRATORY PROTECTION IN ORDER TO KEEP EXPOSURE AT A MINIMUM. WASH THOROUGHLY AFTER HANDLING.

FIRST AID:

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER FOR 15 MINUTES. IF CONTACT HAS BEEN WIDESPREAD OR PROLONGED, OR IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE.

INGESTION: DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS, GIVE TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION IMMEDIATELY.

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SECTION 16 - OTHER INFORMATION

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INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN, SEEK MEDICAL ATTENTION.

IN ACCORDANCE WITH GOOD PRACTICES OF PERSONAL CLEANLINESS AND HYGIENE, HANDLE WITH DUE CARE AND AVOID UNNECESSARY CONTACT WITH THIS PRODUCT.

THIS INFORMATION IS BEING SUPPLIED TO YOU UNDER OSHA "RIGHT TO KNOW" REGULATION 29 CFR 1910.1200 AND IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE.

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