

SAFETY DATA SHEET

CLEAR SEALER

MSDS DATE: 01/2022

SECTION 1: IDENTIFICATION

PRODUCT NAME: CLEAR SEALER
CHEMICAL FAMILY : Mixture
FORMULA : See Section 3
MOLECULAR WEIGHT : (Mixture)

RECOMMENDED USE AND RESTRICTIONS ON USE

Guard/Sealer/Coating for commercial/industrial/consumer applications

COMPANY IDENTIFICATION

Manufacturer: ATG Labs
1407 Grand Avenue, Columbia, MO 65203

Supplier / Distributor:
Native Trails
34 Zaca Ln., San Luis Obispo, CA 93401
800-786-0862

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION: Not Classified
SIGNAL WORD: IRRITANT
GHS LABEL ELEMENTS: Not Classified as dangerous



Other hazards which do not result in classification

May cause eye irritation.
May cause skin irritation.
Ingestion may cause gastrointestinal irritation.
Inhalation may cause irritation to mucous membranes and respiratory tract.

OTHER CLASSIFICATIONS:

HMIS Hazard Rating: Health 1 Fire 1 Reactivity 0
NFPA Rating: Health 1 Fire 1 Reactivity 0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIAL</u>	<u>%</u>	<u>CAS No.</u>	<u>TLV (Units)</u>	<u>HAZARD</u>
Polyurethane/Aliphatic Polyester	~ 14.8	Trade Secret	None Established	See Section 2
Acrylic Copolymer	~ 4.7	Trade Secret	None Established	See Section 2
n-Methyl 2-Pyrrolidone	~ 6.2	872-50-4	See Section 2	See Section 2
Triethylamine	~ 0.6	121-44-8	See Section 2	See Section 2
Ammonia	~ 0.02	7664-41-7	See Section 2	See Section 2
Surfactants, defoamers, plasticizers	< 1.0	Trade Secret	None Established	See Section 2
Colloidal degloss powder	~ 5.0	Trade Secret	None Established	See Section 2
Water	~ 68.0	7732-18-5	N/A	N/A

SECTION 4: FIRST AID MEASURES

INGESTION:

If patient is fully conscious, give two glasses of water. Induce vomiting. Obtain medical attention.

SKIN CONTACT:

Remove contaminated clothing and wash skin with soap and water. Wash clothing before reuse.

INHALATION:

No emergency care anticipated.

EYE CONTACT:

Immediately flush eyes thoroughly with water and continue washing for at least 15 minutes. Obtain medical attention, preferably from an ophthalmologist, urgently.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT (test method(s)): 390° F COC

FLAMMABLE LIMITS IN AIR, by volume:

LOWER: Not applicable (low-volatility aqueous system)

UPPER: Not applicable (low-volatility aqueous system)

EXTINGUISHING MEDIA:

Non-flammable (aqueous system): After the water evaporates, the remaining material will char with slow oxidation. Use water spray, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:

Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Emits mildly toxic fumes under fire conditions. No CN radicals in composition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Collect into suitable container.

WASTE DISPOSAL METHOD:

Dispose of or incinerate in accordance with appropriate federal, state and local regulations.

SECTION 7: HANDLING AND STORAGE

WARNING:

Causes eye and skin irritation. Avoid contact with eyes, skin and clothing. Do not swallow. Wash thoroughly after handling. Keep out of reach of children.

FOR INDUSTRY USE ONLY

OTHER PRECAUTIONS:

None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV AND SOURCE:

Triethylamine 25ppm 8 hr TWA (OSHA)

1ppm TVL skin (ACGIH)

3ppm STEL (ACGIH)

n-Methyl 2-Pyrrolidone 10ppm 8 hr TWA skin (AIHA)
OSHA)

Ammonia 25ppm (ACGIH & OSHA)

35ppm PEL's STEL (ACGIH;

EFFECTS OF SINGLE OVEREXPOSURE:

INGESTION:

Moderately toxic. May cause irritation of the mouth, throat and esophagus, with nausea, vomiting, abdominal discomfort and diarrhea. Ammonia, although contained in minute concentration, must be noted as toxic by ingestion. LD50, Oral-rat: 350 mg/kg. LCLo, inhalation rat: 2000 ppm/4H.

SKIN ABSORPTION:

No evidence of adverse effects from available information.

INHALATION:

Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing.

SKIN CONTACT:

Brief contact is not irritating. Prolonged contact, as from clothing wet with material, may cause moderate irritation, experienced as discomfort, and seen as local redness and swelling.

EYE CONTACT:

Causes severe irritation and pain, seen as excess tearing and blinking with marked excess redness and swelling of the conjunctiva.

EFFECTS OF REPEATED OVEREXPOSURE:

Prolonged or repeated contact may cause defatting and drying of the skin.

OTHER EFFECTS OF OVEREXPOSURE:

None currently known.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Because of irritating and defatting properties, this material may aggravate an existing dermatitis.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION:

None currently known.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (Cont.)

PERSONAL PROTECTION & PPE

RESPIRATORY PROTECTION: (specify type):

None expected to be needed when rolled or brushed. NIOSH organic approved suggested for vapor

VENTILATION:

Use local exhaust ventilation

PROTECTIVE GLOVES:

Rubber gloves

EYE PROTECTION:

Safety glasses

OTHER PROTECTIVE EQUIPMENT:

Eye bath and rubber shoes

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT :

~100° C.

SPECIFIC GRAVITY (H2O = 1) :

~1.1

FREEZING POINT :

~ 0° C.

VAPOR PRESSURE AT 20°C:

98% is < 17.5 mm; 1.8% is 29mm or less; 0.02% is 115mm [NH3]

VAPOR DENSITY AT ONE ATM, 20°C (air = 1) :

99.8% of mixture is heavier than air [1.2 or greater] 0.2% is heavier than ether [~0.6]

EVAPORATION RATE AT 20°C. (but. acet. = 1) :

99.8% of mixture at water rate [0.56]; 0.2% slower than ether [~0.01]

SOLUBILITY IN WATER by wt :

Complete

APPEARANCE AND ODOR :

Aqueous tan/off white liquid with slight odor

V.O.C. (g/l) :

100, no petroleum distillates, no CFC's

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITIONS TO AVOID:

None known

INCOMPATIBILITY (materials to avoid):

None

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

When water has been evaporated, material can char with slow oxidation. This can produce carbon monoxide and/or carbon dioxide and oxides of nitrogen.

HAZARDOUS POLYMERIZATION:

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

EFFECTS OF SINGLE OVEREXPOSURE

SWALLOWING:

Moderately toxic. May cause irritation of the mouth, throat and esophagus, with nausea, vomiting, abdominal discomfort and diarrhea. Ammonia, although contained in minute concentration, must be noted as toxic by ingestion. LD50, Oral-rat: 350mg/kg. LCLo, inhalation rat: 2000 ppm/4H.

SKIN ABSORPTION:

No evidence of adverse effects from available information.

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SECTION 11: TOXICOLOGICAL INFORMATION (Cont.)

INHALATION:

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SKIN CONTACT:

Brief contact is not irritating. Prolonged contact, as from clothing wet with material, may cause moderate irritation, experienced as discomfort, and seen as local redness and swelling.

EYE CONTACT:

Causes severe irritation and pain, seen as excess tearing and blinking with marked excess redness and swelling of the conjunctiva.

EFFECTS OF REPEATED OVEREXPOSURE:

Prolonged or repeated contact may cause defatting and drying of the skin.

OTHER EFFECTS OF OVEREXPOSURE:

None currently known

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Because of irritating and defatting properties, this material may aggravate an existing dermatitis.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION

None currently known

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY:

None determined

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose of or incinerate in accordance with appropriate federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated:

ICAO/IATA I and II; U.S. DOT (Bulk, Intermediate and Non-Bulk), Canada, Mexico

Not applicable:

IMDG, IMDG EMS Fire and EMS Spill; U.S. DOT NAERG (Bulk, Intermediate and Non-Bulk)

SECTION 15: REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS:

Concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

FEDERAL EPA

CERCLA:

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are: Hazardous Substance (= > 1%)

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>UPPER BOUND CONCENTRATION %</u>
Triethylamine	121-44-8	~0.6

SARA 302, 304, 311 and 312:

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TRQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355.

Components present in this product at a level which could require reporting under the statute are:

NONE

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SECTION 15: REGULATORY INFORMATION (Cont.)

SARA 313:

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

Hazardous Substance (= > 1%)

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>UPPER BOUND CONCENTRATION %</u>
n-Methyl 2-Pyrrolidone	872-50-4	~6.2

STATE RIGHT-TO-KNOW:

CALIFORNIA Proposition 65:

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

MASSACHUSETTS 105 CMR 670.000 Right-to-know, Substance List (MSL)

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Hazardous Substance (= > 1%)

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>UPPER BOUND CONCENTRATION %</u>
Triethylamine	121-44-8	~0.6

PENNSYLVANIA Right-to-Know, Hazardous Substance List

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Hazardous Substance (= > 1%)

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>UPPER BOUND CONCENTRATION %</u>
Triethylamine	121-44-8	~0.6

TSCA INVENTORY STATUS:

The ingredients of this product are on the TSCA inventory. N-Methyl 2-Pyrrolidone is subject to TSCA Section 12(b) notification.

OTHER REGULATORY INFORMATION:

EPA Hazard Categories: **IMMEDIATE HEALTH HAZARD, DELAYED HEALTH HAZARD.**

SECTION 16: OTHER INFORMATION

The information contained in this Safety Data Sheet is offered in good faith as typical values and not as product specification(s); and is accurate and current to the best of Native Trail's Inc. knowledge. No warranty, expressed or implied is made. Information is offered solely for recipient's consideration, investigation and verification and should be reviewed by recipient in the context of intended product use. Buyer/user/recipient assumes the risk in use of the Material; and it is the responsibility of said entity(ies) to determine the suitability and completeness of information; to ensure proper use, and safety/health; and to determine that use is in accordance with applicable federal, state and local laws and regulations.