

SAFETY DATA SHEET



WILBUR-ELLIS.

1. Identification

Product identifier N-TER
Other means of identification None.
Recommended use Ag Product - Adjuvant
Recommended restrictions None Known

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Wilbur-Ellis Company LLC
Address Wilbur-Ellis Company LLC
16300 Christensen Rd Ste 135
Tukwila, WA 98188
United States
Telephone Branded Products Information (800) 500-1698
E-mail SDS@WilburEllis.com
Emergency phone number Chemtrec - Domestic (800) 424-9300
Chemtrec - International +1 703-741-5970

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Acute Toxicity, Oral Category 4
Acute aquatic toxicity Category 1
Chronic aquatic toxicity Category 1
Environmental hazards Not classified.
OSHA defined hazards Not classified.

Label elements



Signal word Warning
Hazard statement :H302 Harmful if swallowed.
: H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements P264 - Wash hands, forearms and face thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P273 Avoid release to the environment.
Prevention Wash Thoroughly after handling. Wear protective gloves. Wear eye protection.
Response IF SWALLOWED: Call a poison center/doctor if you feel unwell. Rinse mouth. Collect spillage
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Alkyl amine alkoxyate		Proprietary*	90 - <100
Other components below reportable levels			0 - < 10

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists. Remove contaminated clothing. Wash before reuse. If skin irritation occurs: Get medical advice.

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and if easy to do so. Get medical attention if irritation persists.
Ingestion	Clean mouth with plenty of water. Afterwards drink plenty of water. Never give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known. Exposed individuals may experience eye tearing, redness and discomfort. Skin Irritation; May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed including carbon oxides and nitrogen oxides.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.
6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Large Spills: Wet down with water and dike for later disposal. Absorb in vermiculite, sand or earth and place into containers. Shovel the material into waste container. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage. Avoid prolonged exposure. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).
8. Exposure controls/personal protection	
Occupational exposure limits	None
US. OSHA	
Appropriate engineering	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates controls should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	

Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Environmental exposure controls	Do not flush into surface water or sanitary sewer.

9. Physical and chemical properties

Appearance

Physical state	Liquid
Form	Clear Liquid
Color	Amber
Odor	Fatty ester/alcohol
Odor threshold	Not available.
pH	6 - 8.5
Melting point/freezing point	-30° C
Initial boiling point and boiling range	300° C
Flash point	> 320° F (>160° C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapor pressure	Not available.
Vapor density	Not available.
Relative density	0.98 at 25°C

Solubility(ies)

Solubility (water)	Dispersible
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Other information

Explosive properties	Not explosive.
Kinematic Viscosity	No data available
Oxidizing properties	Not oxidizing.
Density	8.17 lb/gal
Specific Gravity	0.98 (25°C)

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Contact with incompatible materials.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful
Skin contact	May cause skin irritation.
Eye contact	May cause eye irritation.
Ingestion	Harmful if swallowed

Symptoms related to the physical, chemical and toxicological characteristics
No specific product related symptoms are known.

Information on toxicological effects

Acute Toxicity

Product	Species	Test Results
N-Ter	Oral Rat LD50	>300 - 2,000 mg/kg

Skin Corrosion/Irritation None expected

Serious eye damage/eye irritation May cause eye irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity- repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity This product is classified as environmentally hazardous.

Product	Species	Test Results
N-TER		
Aquatic	Crustacea EC50 Daphnia Magna	0.26 mg/l, 48 hours
	Fish LC50 Rainbow Trout	0.34 mg/l, 96 hours

Persistence and degradability Not readily biodegradable. Method: OECD Test Guideline 301D

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions

Do not allow this product to be allowed to enter drains, water courses or the soil. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/containers in accordance with local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

UN/ID/NA number	UN3082
Proper Shipping name	Environmentally hazardous substance, liquid, n.o.s.
Class	9
Packing Group	III
Labels	9
ERG Code	171
Marine Pollutant	Yes (Alkylamine ethoxylate propoxylate)
RQ	None

IMDG

Not regulated as dangerous goods.

UN/ID/NA number	UN3082
Proper Shipping name	Environmentally hazardous substance, liquid, n.o.s.
Class	9
Packing Group	III
Labels	9
EmS Code	F-A, S-F
Marine Pollutant	Yes (Alkylamine ethoxylate propoxylate)

IATA

UN/ID/NA number	UN3082
Proper Shipping name	Environmentally hazardous substance, liquid, n.o.s. (Alkylamine ethoxylate propoxylate)
Class	9
Packing Group	III
Labels	9
aircraft)	964
aircraft)	964
Packing Instruction (LQ)	Y964

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Yes

15. Regulatory information

US federal regulations

All components are on the U.S. EPA TSCA Inventory List. This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Not listed.

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Chemical

Yes

Classified hazard categories

Skin corrosion or eye irritation.

SARA 313 (TRI reporting)

Not Listed

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SWDA)

Not regulated.

US state regulations

US. California Proposition 65

WARNING: This product is not known to contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information; go to www.P65Warnings.ca.gov

16. Other information, including date of preparation or last revision

Issue date

9/25/2020

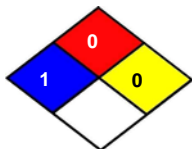
Version #

4

NFPA ratings

Health: 1
Flammability: 0
Instability: 0

NFPA ratings



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