

SAFETY DATA SHEET

RPO

SDS DATE: 05/11/2022

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RPO

DISTRIBUTOR: Exacto Inc.
ADDRESS: 200 Old Factory Road, Sharon WI 53585
PHONE: (262) 456-5200

EMERGENCY CHEMTREC PHONE: US & Canada: 1-800-424-9300

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Polyglycol
CHEMICAL FORMULA: Mixture

PRODUCT USE: Soil Wetting Agent

SECTION 1 NOTES: None

SECTION 2: HAZARDS

GHS Ratings:

Toxicity Categories:
Not classified

Signal Word: None

GHS HAZARDS

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200:

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

PRECAUTIONS

P102 Keep out of reach of children.
P103 Read label before use.
P233 Keep container tightly closed.
P234 Keep only in original container.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, protective clothing, eye protection.

SECTION 3: INFORMATION ON COMPONENTS

INGREDIENT

CAS NO.

% WT

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

NOTE: Product does NOT contain any pesticides or pest control agents.

SECTION 3 NOTES: NONE.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

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SECTION 4: FIRST AID MEASURES

Have the product container with you if going for treatment. General advice:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

IF ON SKIN OR CLOTHING: Wash with plenty of soap and water for several minutes.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No significant symptoms are expected due to the non-classification of the product.

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: -

IN CASE OF FIRE: Carbon dioxide, foam dry powder chemical and fine water spray. Water can be used to fire exposed containers to reduce burst potential.

SPECIAL FIRE FIGHTING PROCEDURES: Wear a positive pressure self-contained breathing apparatus with proper protective clothing. Spray containers with water to cool until fire is extinguished. Determine the need to isolate the area according to the local emergency plan.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use water or foam directly on the fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Silica, Carbon oxides and traces of incompletely burned carbon compounds.

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Use personal protective equipment as required.

STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. STORE BETWEEN 40° AND 90° F. If product freezes, warm and shake before use.

SECTION 7 NOTES: None

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values HMIS=B

VENTILATION:	Normal room ventilation (mechanical) or outdoor use should be satisfactory.
RESPIRATORY PROTECTION:	Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.
EYE PROTECTION:	Safety glasses.
SKIN PROTECTION:	Chemical gloves, long-sleeved shirts and pants.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Eye wash and safety shower should be easily accessible.
WORK HYGIENIC PRACTICES:	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
EXPOSURE GUIDELINES:	If exposed, see section 4 for acute exposure first aid.
SECTION 8 NOTES:	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	clear viscous	FLAMMABLE LIMITS IN AIR, UPPER:	Unknown
ODOR:	Very mild	(% BY VOLUME) LOWER:	Unknown
ORDER THRESHOLD:	Not known	VAPOR PRESSURE (mmHg):	@ F: Unknown C: Unknown
PHYSICAL STATE:	Liquid	VAPOR DENSITY (AIR = 1):	@ F:> C: Unknown
pH AS SUPPLIED:	NA	RELATIVE DENSITY:	~1.034
pH (Other):	5.76 w 342ppm water@2%	EVAPORATION RATE:	Unknown
INITIAL BOILING POINT:	F: Unknown C: Unknown	BASIS (butyl acetate=1):	
BOILING POINT RANGE:	F: Unknown C: Unknown	SOLUBILITY IN WATER:	Miscible, forms emulsion
MELTING POINT:	F: Unknown C: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
FREEZING POINT:	F: Unknown C: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
FLASH POINT:	F: >200 C: >93	DECOMPOSITION TEMPERATURE:	Unknown
METHOD USED:	PMCC	VISCOSITY:	F: C: Unknown
FLAMMABILITY (solid, gas):	Can burn		

SECTION 9 NOTES: VALUES ARE NOT PRODUCT SPECIFICATIONS.

Note: THESE PHYSICAL DATA ARE TYPICAL VALUES BASED ON MATERIAL TESTED BUT MAY VARY FROM SAMPLE TO SAMPLE. TYPICAL VALUES SHOULD NOT BE CONSTRUED AS A GUARANTEED ANALYSIS OF ANY SPECIFIC LOT OR AS SPECIFICATION ITEMS.

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): Freezing product may cause emulsion separation and require agitation to make homogenous mixture.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute toxicity

Assessment of acute toxicity: No data available.

Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

Inhalation

No data available.

Dermal

Type of value: LD50

Species: rabbit

Value: 10,200 mg/kg

Assessment other acute effects

No data available.

Eye

Species: rabbit

Result: non-irritant

Method: Draize test

Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

Buehler test

Species: guinea pig

Result: Non-sensitizing.

No sensitizing effect.

Aspiration Hazard

No data available.

MIXTURE TOXICITY

COMPONENT TOXICITY None

SECTION 11 NOTES: The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

ECOTOXICITY:

Toxicity to fish

LC50 (96 h) 105 mg/l, Oncorhynchus mykiss

Aquatic invertebrates

EC50 (48 h) 1,033 mg/l, Daphnia magna

Aquatic plants

EC50 (72 h) 370 mg/l, algae

Persistence and degradability

Assessment biodegradation and elimination (H2O)

Readily biodegradable (according to OECD criteria).

Elimination information

> 60 % CO₂ formation relative to the theoretical value (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) (aerobic, activated sludge) Readily biodegradable.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

FATE AND EFFECTS

IN WASTE WATER TREATMENT: NA

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT Shipping Description: Not Regulated

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

OTHER AGENCIES: None

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed or excluded from listing.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

RQ CAS Number Chemical name

100 LBS 75-56-9; 123-91-1 Propylene oxide; 1,4-dioxane

10 LBS 75-21-8 Ethylene Oxide

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

311/312 HAZARD CATEGORIES:

Immediate (acute) health hazard	No
Delayed (chronic) health hazard	No
Fire hazard	No
Pressure hazard	No
Reactivity hazard	No

313 REPORTABLE INGREDIENTS: None

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including ETHYLENE OXIDE, which is 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.

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.