

Safety Data Sheet

Preservative - Water Soluble/O25

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name: Preservative – Water Soluble / O25

Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Preservative

Details of the supplier of the safety data sheet	Emergency telephone number
Crafter's Choice Brands, LLC 7820 E. Pleasant Valley Road Independence, Ohio 44131 Phone: 1-800-908-7028 www.Crafters-Choice.com	(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands +1 813 248-0585 International

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Eye irritation: Category 2A

GHS label elements



Hazard pictograms

Signal Word: Warning

Hazard Statements: Causes serious eye irritation.

Precautionary Statements: **Prevention:**

Wash skin thoroughly after handling.

Wear eye protection/ face protection.

Response:

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

If eye irritation persists: Get medical advice/ attention.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Hazardous components

Chemical name	CAS-No.	Classification	Concentration (%)
PROPYLENE GLYCOL	57-55-6	This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).	59.9111
DIAZOLIDINYL UREA	78491-02-8	Comb Dust Eye Irrit. 2A; H319	19.9867

SECTION 4. FIRST AID MEASURES

General advice: Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled: If breathed in, move person into fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact: First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

In case of eye contact: Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.

If swallowed: Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed:

Signs and symptoms of exposure to this material through breathing, swallowing, And/or passage of the material through the skin may include:
Stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways)
Causes serious eye irritation.

Notes to physician: No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Water spray
Foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Do not allow run-off from firefighting to enter drains or water courses.

Hazardous combustion products: Carbon dioxide and carbon monoxide
Organic compounds
Carbon dioxide (CO₂)
Phenols
Toxic fumes

Specific extinguishing methods: Product is compatible with standard fire-fighting agents.

Further information: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Comply with all applicable federal, state, and local regulations.
Other information	

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	Do not breathe vapors/dust. Do not smoke. Container hazardous when empty. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

PROPYLENE GLYCOL 57-55-6 TWA 10 mg/m³ US WEEL

Hazardous components without workplace control parameters

Components	CAS-No.
DIAZOLIDINYL UREA	78491-02-8

Engineering measures: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Hand protection

Remarks The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection Wear as appropriate:
Impervious clothing
Safety shoes
Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures Wash hands before breaks and at the end of workday.
When using do not eat or drink.
When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	liquid
Color:	light yellow
Odor:	mild
OdorThreshold:	No data available
pH:	No data available

Melting point/freezing point:	No data available
Boiling point/boiling range:	369.0 °F / 187.2°C
Flash point	104.4 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapor pressure	0.2926 hPa (20 °C)
Relative vapor density	No data available
Relative density	No data available
Density	1.18 g/cm ³
Solubility(ies)	
Water solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: n- octanol/water	No data available
Thermal decomposition	No data available
Viscosity	
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Oxidizing properties	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No decomposition if stored and applied as directed.
Chemical stability	Stable under recommended storage conditions.

Possibility of hazardous reactions	Product will not undergo hazardous polymerization.
Conditions to avoid	Excessive heat Exposure to sunlight Exposure to moisture
Incompatible materials	Isocyanates Strong acids Strong bases Strong oxidizing agents UV light
Hazardous decomposition products	Alcohols Aldehydes carbon dioxide and carbon monoxide dioxolanes ethers Organic acids phenols toxic fumes

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Inhalation Skin contact Eye contact Ingestion
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Acute toxicity

Not classified based on available information.

Components:

PROPYLENE GLYCOL:

Acute oral toxicity	LD50 (Rat): 22,000 mg/kg
Acute dermal toxicity	LD50 (Rabbit): > 2,000 mg/kg Assessment: Not classified as acutely toxic by dermal absorption under GHS. Remarks: No mortality observed at this dose.

DIAZOLIDINYL UREA:

Acute oral toxicity	LD50 (Rat): > 2,000 mg/kg
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Method: OPPTS 870.1100

Acute dermal toxicity

LD50 (Rabbit): > 2,000 mg/kg

Method: OPPTS 870.1200

Assessment: Not classified as acutely toxic by dermal absorption under GHS.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: May cause skin irritation in susceptible persons.

Components:

PROPYLENE GLYCOL:

Species: Rabbit

Result: No skin irritation

DIAZOLIDINYL UREA:

Species: Rabbit

Method: OPPTS 870.2500

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: Vapors may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

Components:

PROPYLENE GLYCOL:

Species: Rabbit

Result: No eye irritation

DIAZOLIDINYL UREA:

Species: Rabbit

Result: Irritating to eyes.

Method: OPPTS 870.2400

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Components:

PROPYLENE GLYCOL:

Test Type: Local lymph node assay

Species: Mouse

Assessment: Does not cause skin sensitization.

Method: OECD Test Guideline 429

DIAZOLIDINYL UREA:

Test Type: Maximization Test

Species: Guinea pig

Assessment: Did not cause sensitization on laboratory animals.

Method: OECD Test Guideline 406

Germ cell mutagenicity

Not classified based on available information.

Components:

PROPYLENE GLYCOL:

Genotoxicity in vitro

Test Type: Ames test

Test species: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Result: negative

DIAZOLIDINYL UREA:

Genotoxicity in vitro

Test Type: Ames test

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: Chromosome aberration test in vitro

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 473

Result: negative

Genotoxicity in vivo

Test Type: In vivo micronucleus test

Test species: Mouse (male and female)

Cell type: Bone marrow

Application Route: Oral

Method: OECD Test Guideline 474

Result: negative

Test Type: unscheduled DNA synthesis assay

Test species: Rat

Cell type: Liver cells

Application Route: Oral

Method: OECD Test Guideline 486

Result: negative

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Components:

DIAZOLIDINYL UREA:

Effects on fetal development

Test Type: Embryo-fetal development

Species: Rat

Application Route: Oral

Dose: 500 milligram per kilogram

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

DIAZOLIDINYL UREA:

Species: Rat, male and female

NOEL: 200 mg/kg

Application Route: Oral

Exposure time: CUST-N11.00322330

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity

Acute aquatic toxicity Category 2; Toxic to aquatic life.

Chronic aquatic toxicity

Not classified based on available information.

Components:**PROPYLENE GLYCOL:**

Toxicity to fish LC50 (*Pimephales promelas* (fathead minnow)): 29,485 - 39,339 mg/l
Exposure time: 96 h
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates EC50 (*Daphnia magna* (Water flea)): > 10,000 mg/l
Exposure time: 48 h
Test Type: static test

Toxicity to algae EC50 (*Pseudokirchneriella subcapitata* (green algae)): 24,200 mg/l
End point: Growth inhibition
Exposure time: 72 h
Test Type: static test

DIAZOLIDINYL UREA:

Toxicity to fish LC50 (Fish): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 (*Daphnia magna* (Water flea)): 58 mg/l
Exposure time: 48 h
Test Type: flow-through test

Toxicity to algae ErC50 (*Selenastrum capricornutum* (green algae)): 5.78 mg/l
End point: EC50
Exposure time: 72 h
Test Type: Growth inhibition
Analytical monitoring: yes

Ecotoxicology Assessment
Chronic aquatic toxicity Not classified based on available information.

Persistence and degradability**Components:****PROPYLENE GLYCOL:**

Biodegradability Result: Readily biodegradable.
Biodegradation: 81 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

DIAZOLIDINYL UREA:

Biodegradability Result: Not readily biodegradable.
Biodegradation: 24 %
Exposure time: 28 d
Method: Directive 67/548/EEC Annex V, C.4.C.

Stability in water

Degradation half-life (DT50): 12 h (20.4 °C) pH: 7

No data available

Bioaccumulative potential

Components:

PROPYLENE GLYCOL:

Partition coefficient:

n- octanol/water

log Pow: -0.92

DIAZOLIDINYL UREA:

Bioaccumulation

Remarks: The substance has low potential for bioaccumulation.

Partition coefficient:

n- octanol/water

log Pow: 0.9 (20 °C)

No data available

Mobility in soil

Components:

DIAZOLIDINYLUREA:

Distribution among environmental compartments

Adsorption/Soil

Medium: Soil

Koc: < 2

No data available

Other adverse effects

Product:

Additional ecological information

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

Components:

DIAZOLIDINYL UREA:

Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice

The product should not be allowed to enter drains, water courses or the soil.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging

Empty remaining contents.
 Dispose of as unused product.
 Empty containers should be taken to an approved waste handling site for recycling or disposal.
 Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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MX_DG

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION – PASSENGER

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION – CARGO

Not dangerous goods

TDG_INWT_C

Not dangerous goods

TDG_RAIL_C

Not dangerous goods

TDG_ROAD_C

Not dangerous goods

U.S. DOT – INLAND WATERWAYS

Not dangerous goods

CFR_RAIL_C

Not dangerous goods

U.S. DOT – ROAD

Not dangerous goods

***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine Pollutant	No
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Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

**EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
PHOSPHORICACID	7664-38-2	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312
Hazards**

Serious eye damage or eye irritation

SARA 302

This material does not contain any components with a section 302 EHSTPQ.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations
Pennsylvania Right to Know**

PROPYLENE GLYCOL	57-55-6
DIAZOLIDINYL UREA	78491-02-8
METHYL PARABEN	99-76-3
PROPYL PARABEN	94-13-3

New Jersey Right To Know

PROPYLENE GLYCOL	57-55-6
DIAZOLIDINYL UREA	78491-02-8
METHYL PARABEN	99-76-3
PROPYL PARABEN	94-13-3

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

DSL	All components of this product are on the Canadian DSL
AICS	On the inventory, or in compliance with the inventory
ENCS	Not in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TSCA	On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

Revision Date: 02/24/2018

NFPA:**HMIS III:**

<p style="text-align: center;">Special hazard.</p>	<table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td style="text-align: center;">0</td> </tr> </table> <p>O = not significant, 1 = Slight, 2 = Moderate, 3 = High 4 = Extreme, • = Chronic</p>	HEALTH	2	FLAMMABILITY	1	PHYSICAL HAZARD	0
HEALTH	2						
FLAMMABILITY	1						
PHYSICAL HAZARD	0						

NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

Full text of H-Statements

H319 Causes serious eye irritation.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with xo/o growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative