303 Aerospace Protectant

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 1/25/2019 Revision date: 6/9/2022 Supersedes: 2/9/2021 Version: 2.10

SECTION 1: Identification

1.1. Identification

Product form	:	Mixture
Trade name	:	303 Aerospace Protectant
Synonym	:	594468
Part numbers	:	1801; 30308CSR; 30308; 30313; 30313CSR; 30320; 30440BD; 30440CSR; 30440; 30382CSR; 30379; 30302; 30389; 30383; 30377; 30377CSR; 30378; 30378CSR; 30381;30382; 30321; 30322; 30303; 30323; 30340; 30340CSR; 30350; 30370; 30375; 30910; 30445CSR; 30304; 30305; 30306; 30306CSR; 30307CSR; 30307; 30397; 30702; 30701; 30252;

1.2. Recommended use and restrictions on use

Recommended use	:	Read label before use.
Restrictions on use	:	Use per the label directions

1.3. Supplier

Manufacturer
Gold Eagle Co
4400 S Kildare Ave
Chicago, IL, 60632-4372
T 773-376-4400
https://www.goldeagle.com/

1.4. Emergency telephone number

Emergency number	:	INFOTrac: 1-800-535-5053

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	CAS-No.: 7732-18-5	70 – 99	Not classified
Polydimethylsiloxane	CAS-No.: 63148-62-9	10 – 30	Not classified
Nonylphenol polyethylene glycol ether	CAS-No.: 127087-87-0	0.1 – 5	Not classified
Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy	CAS-No.: 160875-66-1	0.1 – 5	Not classified
Dinonylphenol ethoxylate	CAS-No.: 9014-93-1	0.0001 – 0.5	Not classified
Polyethylene glycol	CAS-No.: 25322-68-3	0.0001 – 0.5	Not classified

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret
Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	:	Take up liquid spill into absorbent material.
Other information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

303 Aerospace Protectant

No additional information available

Water (7732-18-5)

No additional information available

Nonylphenol polyethylene glycol ether (127087-87-0)

No additional information available

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy (160875-66-1)

No additional information available

Polydimethylsiloxane (63148-62-9)

No additional information available

Dinonylphenol ethoxylate (9014-93-1)

No additional information available

Polyethylene glycol (25322-68-3)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	:	Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:
Gloves. In case of splash hazard: safety glasses.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Cloudy.
Color	:	White
Odor	:	Characteristic odour
Odor threshold	:	No data available
pH	:	7 – 8
Melting point	:	No data available
Freezing point	:	≈ 0 °C
Boiling point	:	212 °F
Flash point	:	> 212 °F
Relative evaporation rate (butyl acetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	< 1
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	0.62
Relative density	:	≈ 1.01
Solubility	:	Miscible with water. Water: ≈ 100 %
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	3 mm²/s (40 °C)
Viscosity, dynamic	:	No data available
Explosion limits	:	No data available
Explosive properties	:	Not explosive.
Oxidizing properties	:	Not oxidising.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Polydimethylsiloxane (63148-62-9)	
LD50 oral rat	> 5000 mg/kg body weight (Rat, Experimental value, Oral)
LD50 dermal rabbit	> 2000 mg/kg body weight (Rabbit, Dermal)
LC50 Inhalation - Rat	> 11.582 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, (maximum achievable concentration), Inhalation (aerosol), 14 day(s))

Skin corrosion/irritation : Not classified
pH: 7 – 8
Serious eye damage/irritation : Not classified
pH: 7 – 8
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified
Viscosity, kinematic : 3 mm²/s (40 °C)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Polydimethylsiloxane (63148-62-9)	
LC50 - Fish [1]	> 1000 mg/l (Pisces, Literature study, Nominal concentration)
EC50 - Other aquatic organisms [1]	> 1020 mg/l (96 h, Mytilus edulis, Literature study)
ErC50 algae	> 100 mg/l (72 h, Skeletonema costatum, Literature study, Nominal concentration)

12.2. Persistence and degradability

Polydimethylsiloxane (63148-62-9)	
Persistence and degradability	Biodegradable in water.

12.3. Bioaccumulative potential

Polydimethylsiloxane (63148-62-9)	
Partition coefficient n-octanol/water (Log Pow)	2.86 – 4.25 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

Polydimethylsiloxane (63148-62-9)	
Ecology - soil	Adsorbs into the soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

TDG
Transport hazard class(es) (TDG) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT
No data available

TDG
No data available

IMDG
No data available

IATA
No data available

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Water	7732-18-5	Present	Active	
Nonylphenol polyethylene glycol ether	127087-87-0	Present	Active	XU
Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy	160875-66-1	Present	Active	PMN;XU
Polydimethylsiloxane	63148-62-9	Present	Active	XU

Name	CAS-No.	Listing	Commercial status	Flags
Dinonylphenol ethoxylate	9014-93-1	Present	Active	XU
Polyethylene glycol	25322-68-3	Present	Active	XU

Nonylphenol polyethylene glycol ether (127087-87-0)

Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

Nonylphenol polyethylene glycol ether (127087-87-0)

Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy (160875-66-1)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

Polydimethylsiloxane (63148-62-9)

Listed on the Canadian DSL (Domestic Substances List)

Dinonylphenol ethoxylate (9014-93-1)

Listed on the Canadian DSL (Domestic Substances List)

Polyethylene glycol (25322-68-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

⚠ **WARNING:** This product can expose you to 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.

SECTION 16: Other information

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Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.