

Section 1. Identification

Product identifier

Product Identity

INHIBITOR

Other means of identification

INHIBITOR

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

See Technical Data Sheet.

Details of the supplier of the safety data sheet

Company Name

The Dodge Company, Inc.

9 Progress Road

Billerica, MA 01821

Emergency

CHEMTREC (USA)

(800) 424-9300

Customer Service:

(800) 443-6343, (978) 600-2099

Section 2. Hazard(s) identification

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Reproductive toxicity, category 1B;H360FD

May damage fertility. May damage the unborn child.

Specific target organ toxicity, repeated exposure category 2;H373

May cause damage to organs through prolonged or repeated exposure.

Label elements



Danger

H360FD* May damage fertility. May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

[Prevention]

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust, fume, mist, vapors or spray.

P280 Wear protective gloves, eye protection, and face protection.

[Response]

P308+313 IF exposed or concerned: Get medical advice or attention.

P314 Get Medical advice or attention if you feel unwell.

[Storage]

P405 Store locked up.

[Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
1,2-Propanediol CAS Number: 57-55-6 Synonyms: Propanediol, Propylene Glycol, 1,2-Propylene glycol	7 - 13	Not Classified	-----
2-methylpentane-2,4-diol CAS Number: 107-41-5 Synonyms: 2,4-Pentanediol, 2-methyl-, Glycol hexylene	3 - 7	Serious eye damage / eye irritation, category 2;H319 Skin corrosion/irritation category 2;H315 Reproductive toxicity, category 2;H361D	-----
Polyethylene glycol CAS Number: 25322-68-3 Synonyms: Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-Ethane-1,2-diol, ethoxylated	3 - 7	Not Classified	-----
Isopropyl Alcohol CAS Number: 67-63-0 Synonyms: ISOPROPYL ALCOHOL (manufacture-strong acid process, Propan-2-ol, Solvent C-3, ISOPROPANOL	1 - 5	Flammable Liquid, category 2;H225 Serious eye damage / eye irritation, category 2;H319 Specific target organ toxicity, Specific exposure category 3;H336	-----
Bioban-S CAS Number: 137-40-6 Synonyms: No available information	0.5 - 1.5	Not Classified	-----
Ethylenediaminetetraacetic acid, disodium, dihydrate CAS Number: 6381-92-6 Synonyms: 2-[2-[bis(carboxymethyl)amino]ethyl-(carboxymethyl)amino]acetic acid	0.5 - 1.5	Acute toxicity(inhalation), category 4;H332 Specific target organ toxicity, repeated exposure category 2;H373	-----
Lanolin, ethoxylated CAS Number: 61790-81-6 Synonyms: No available information	0.5 - 1.5	Not Classified	-----
Anhydrous borax CAS Number: 1330-43-4 Synonyms: Sodium tetraborate	0.1 - 1	Reproductive toxicity, category 1B;H360FD	-----

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	
Overview	Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
	Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.
Skin	Causes mild skin irritation.

Section 5. Fire-fighting measures

Extinguishing media

Small Fire use ABC Dry Chemical extinguisher. Large Fire use water spray, fog or foam. Do not use straight stream.

Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of Carbon

Do not breathe dust, fume, mist, vapors or spray.

Advice for fire-fighters

Wear self-contained breathing apparatus to protect from decomposition products.

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Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep container closed when not in use. Avoid contact with eyes, skin, or clothing.

Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Methods and material for containment and cleaning up

Spread an inert absorbent on the spill and place in a suitable, properly labeled container for recovery or disposal.

Flush area with large quantities of water.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: Oxidizers or Reducing Agents

See section 2 for further details. - [Storage]

Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection

Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
57-55-6	1,2-Propanediol	OSHA	No Established Limit
		ACGIH	TWA(Aerosol): 10 mg/m ³
		NIOSH	No Established Limit
67-63-0	Isopropyl Alcohol	OSHA	400 ppm, 980 mg/m ³
		ACGIH	200 ppm 400 ppm
		NIOSH	TWA 400 ppm (980 mg/m ³) STEL: 500 ppm (1225 mg/m ³)
107-41-5	2-methylpentane-2,4-diol	OSHA	No Established Limit
		ACGIH	25 ppm (V) Vapor 50 ppm (V) Vapor, 10 mg/m ³ (I, H)
		NIOSH	C 25 ppm (125 mg/m ³)
137-40-6	Bioban-S	OSHA	TWA 2.5 mg/m ³ (as F)
		ACGIH	TWA 2.5 mg/m ³ (as F)
		NIOSH	TWA 2.5 mg/m ³ [*Note: The REL also applies to other inorganic, solid fluorides (as F).]
1330-43-4	Anhydrous borax	OSHA	TWA 100 ppm
		ACGIH	2 mg/m ³ (I) Inhalable 6 mg/m ³ (I) Inhalable
		NIOSH	TWA 1 mg/m ³
6381-92-6	Ethylenediaminetetraacetic acid, disodium, dihydrate	OSHA	TWA 2.5 mg/m ³ (as F)
		ACGIH	TWA 2.5 mg/m ³ (as F)
		NIOSH	TWA 2.5 mg/m ³ [*Note: The REL also applies to other inorganic, solid fluorides (as F).]
25322-68-3	Polyethylene glycol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
61790-81-6	Lanolin, ethoxylated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Exposure controls

Respiratory

Not necessary where area is properly ventilated.

Eyes

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.

Skin	Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Wear PVC or rubber gloves.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Color	Lotion-like pink emulsion
Odor	Perfumed
Melting point / freezing point	N.A
Initial boiling point and boiling range	91-93C 196-200F
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 3% Upper Explosive Limit: 13%
Flash Point	93C 200F
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	N.A
Viscosity (cSt)	Not Available
Solubility in Water	Not Available
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapor pressure (Pa)	Not Available
Relative Density	1.000-1.010
Vapor Density	Greater than 1
Evaporation rate (Ether = 1)	< 1 (n-Butyl acetate = 1)
VOC Content	99%
Other information	No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Keep out of heat > 140F and cold < 30F.



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Incompatible materials

Oxidizers or Reducing Agents

Hazardous decomposition products

Oxides of Carbon

Section 11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
1,2-Propanediol - (57-55-6)	22,000.00, Rat - Category: NA	> 2,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
2-methylpentane-2,4-diol - (107-41-5)	No data available.	No data available.	No data available.	No data available.	No data available.
Polyethylene glycol - (25322-68-3)	> 2,000.00, Rat - Category: NA	> 2,000.00, Rat - Category: NA	No data available.	No data available.	No data available.
Isopropyl Alcohol - (67-63-0)	5,840.00, Rat - Category: NA	16,400.00, Rabbit - Category: NA	72.60, Rat - Category: NA	No data available.	No data available.
Bioban-S - (137-40-6)	No data available.	No data available.	No data available.	No data available.	No data available.
Ethylenediaminetetraacetic acid, disodium, dihydrate - (6381-92-6)	>2,000.00, Rat - Category: 5	No data available.	No data available.	No data available.	No data available.
Lanolin, ethoxylated - (61790-81-6)	No data available.	No data available.	No data available.	No data available.	No data available.
Anhydrous borax - (1330-43-4)	No data available.	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
57-55-6	1,2-Propanediol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
67-63-0	Isopropyl Alcohol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes;
		ACGIH	A4
107-41-5	2-methylpentane-2,4-diol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;



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		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
137-40-6	Bioban-S	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
1330-43-4	Anhydrous borax	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	A4
6381-92-6	Ethylenediaminetetraacetic acid, disodium, dihydrate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
25322-68-3	Polyethylene glycol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
61790-81-6	Lanolin, ethoxylated	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	1B	May damage fertility. May damage the unborn child.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

Possible routes of entry: No data available.

Symptoms and effects, both acute and delayed:

Treat symptomatically.

Skin

Causes mild skin irritation.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
1,2-Propanediol - (57-55-6)	40,613.00, Salmo gairdneri	18,340.00, Ceriodaphnia dubia	24,200.00, Raphidocelis subcapitata
2-methylpentane-2,4-diol - (107-41-5)	9,910.00, Gambusia affinis	5,410.00, Daphnia magna	430.00, Pseudokirchneriella subcapitata
Polyethylene glycol - (25322-68-3)	> 100.00, Poecilia reticulata	> 100.00, Daphnia magna	> 100.00, Scenedesmus subspicatus
Isopropyl Alcohol - (67-63-0)	10,000.00, Pimephales promelas	No data available.	No data available.
Bioban-S - (137-40-6)	No data available.	No data available.	No data available.
Ethylenediaminetetraacetic acid, disodium, dihydrate - (6381-92-6)	500.00, Fish	100.00, Daphnia magna	55.00, Algae
Lanolin, ethoxylated - (61790-81-6)	No data available.	No data available.	No data available.
Anhydrous borax - (1330-43-4)	No data available.	No data available.	No data available.

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

Not Available

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

Other adverse effects

No data available.

Section 13. Disposal considerations

Waste treatment methods

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated		
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable
Environmental hazards			
Special precautions for user	Marine Pollutant: No; Not Applicable		

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0000057-55-6	1,2-Propanediol	Yes		ACTIVE
0000107-41-5	2-methylpentane-2,4-diol	Yes		ACTIVE
0001330-43-4	Anhydrous borax	Yes		ACTIVE
0000137-40-6	Bioban-S	Yes		ACTIVE
0006381-92-6	Ethylenediaminetetraacetic acid, disodium, dihydrate	No		
0000067-63-0	Isopropyl Alcohol	Yes		ACTIVE
0061790-81-6	Lanolin, ethoxylated	Yes	UVCB XU	ACTIVE
0025322-68-3	Polyethylene glycol	Yes	XU	ACTIVE

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Isopropyl Alcohol

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.



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Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness and dizziness.

H360 May damage fertility or the unborn child.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

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