

Safety Data Sheet

Dyna-Soft

SDS Revision Date:

05/06/2015

1. Identification

1.1. Product identifier

Product Identity Dyna-Soft
Alternate Names Dyna-Soft

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

Intended use Fabric Softener
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Gurtler Industries, Inc.
15475 South LaSalle St.
South Holland, IL 60473 US

Emergency

24 hour Emergency Telephone No. (708) 331-2550
Customer Service: Gurtler Industries, Inc. INFOTRAC - (800) 535-5053

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Eye Dam. 1;H318 Causes serious eye damage.
Aqua. Acute 1: H400 Very toxic to aquatic life.
Aqua. Chron.1: H410 Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

[Prevention]:

P260 Do not breathe dust.
P262 Do not get in eyes, on skin or on clothing.
P264 Wash thoroughly after handling.



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P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P321 Specific treatment (see information on this label).

P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P362 Take off contaminated clothing and wash before reuse.

[Storage]:

Please refer to Section 7 for Storage information

[Disposal]:

Please refer to Section 13 for Disposal information.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium chloride CAS Number: 0007647-14-5	50 - 75	Not Classified	
1-Octadecanaminium, N, N-dimethyl-N-octadecyl-, chloride (1:1) CAS Number: 107-64-2	30-40	Eye Dam. 1: H318 Aquatic Acute 1: H400 Aquatic Chronic 1: H410	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

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

4. First aid measures

4.1. 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

If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Eyes

Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if worn. If eye irritation persists: Get medical advice/attention.



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Skin Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Ingestion Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Overview Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

See section 2 for further details.

Eyes Causes serious eye damage.

Skin Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Carbon dioxide, dry chemical, alcohol foam

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: carbon dioxide, carbon monoxide, nitrogen oxides

5.3. Advice for fire-fighters

Firefighters should wear full protective clothing including self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. 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.

6.3. Methods and material for containment and cleaning up

Personal precautions: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective space clothing. Keep people away from and upwind of spill/leak.



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Environmental precautions: Do not discharge into lakes, streams, ponds or public waters.

Methods for containment: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up: Before attempting clean up, refer to hazard data given above. Carefully shovel or sweep up spilled material and place in suitable container.

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes.

Avoid contact with skin and clothing.

Ensure adequate ventilation.

Avoid breathing vapors or mists of this product.

Use good industrial hygiene practices in handling this material.

Wash thoroughly after handling.

When using do not eat or drink.

Keep container tightly closed.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Acids, oxidizers, reducing agents

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0007647-14-5	Sodium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
107-64-2	1-Octadecanaminium, N, N-dimethyl-N-octadecyl-, chloride (1:1)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit



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8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Tightly fitting safety goggles.

Skin

Chemical resistant, impervious gloves should be worn at all time. Wear suitable protective clothing Protective shoes or boots.

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. - [Prevention]:

9. Physical and chemical properties

Appearance

Granular, white to off-white powder

Odor

Characteristic

Odor threshold

Not Measured

pH 1% soln.

Not Measured

Melting point / freezing point

Not Measured

Initial boiling point and boiling range

Not Measured

Flash Point

Not Measured

Evaporation rate (Ether = 1)

Not Measured

Flammability (solid, gas)

Not Applicable

Upper/lower flammability or explosive limits

Lower Explosive Limit: Not Measured

Upper Explosive Limit: Not Measured

Vapor pressure (Pa)

Not Measured

Vapor Density

Not Measured

Specific Gravity

Not Applicable

Solubility in Water

Not Measured

Partition coefficient n-octanol/water (Log Kow)

Not Measured

Auto-ignition temperature

Not Measured

Decomposition temperature

Not Measured

Viscosity (cSt)

Not Applicable

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity



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Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No. Reactions with strong oxidizing agents.

10.4. Conditions to avoid

Unknown

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None with proper storage and handling.

11. Toxicological information

Acute toxicity

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
Sodium chloride CAS Number: 0007647-14-5	No data available	No data available	No data available	No data available	No data available
1-Octadecanaminium, N, N-dimethyl-N-octadecyl-, chloride (1:1) CAS Number: 107-64-2	>2,000 mg/kg (Rat)	>2,000 mg/kg (rat)	>180mg/kg (Rat)	No data available	No data available

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).

12. Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium chloride CAS Number: 0007647-14-5	Not Available	Not Available	Not Available
1-Octadecanaminium, N, N-dimethyl-N-octadecyl-, chloride (1:1) CAS Number: 107-64-2	10.1mg/L (Lepomis macrochirus)	0.19 mg/L (daphnia magna)	0.12g/L (Selenastrum capricomutum)

12.2. Persistence and degradability



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There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	N/A	N/A	N/A
14.2. UN proper shipping name	N/A	N/A	N/A
14.3. Transport hazard class(es)	N/A	N/A	N/A
14.4. Packing group	N/A	N/A	N/A
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes



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Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

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

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:

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

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.

16. Other information

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.

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