

SAFETY DATA SHEET

Issue Date 17-Sep-2020

Revision Date 01-Jul-2021

Version 5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name ANTIVIBE™ DL-10 (L) / DL-10 REGULAR / DL-10 REGULAR - K / DL-10 REGULAR - SC / DL-10 HV (L)

Other means of identification

Product Code ANTIVIBES

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Vibration damping

Uses advised against For industrial use only

Details of the supplier of the safety data sheet

Blachford Corporation

Emergency telephone number

Emergency Telephone Chemtrec: 1-800-424-9300/1-703-741-5970 (ID:632143)
Mexico: (800) 681-9531

2. HAZARDS IDENTIFICATION

Classification

Hazardous according to NOM-018-STPS-2015

Reproductive toxicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 2
Aquatic Toxicity (Acute)	Category 3
Aquatic toxicity (Chronic)	Category 3

Label elements

Danger

Hazard statements

Hazardous according to NOM-018-STPS-2015
May damage fertility or the unborn child
May cause damage to lungs through prolonged or repeated inhalation
Harmful to aquatic life
Harmful to aquatic life with long lasting effects



Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dusts or mists
Avoid release to the environment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

Toxic to aquatic life. Toxic to aquatic life with long lasting effects. This product is classified Carcinogen 1A due to the presence of silica at > 0.1%. Silica has been classified by IARC as a human carcinogen, however health effects are limited to inhalation of the fine fraction of crystalline silica. This product is an aqueous paste; exposure to the fine fraction of crystalline silica is not expected under normal use conditions. In the event the dried product is sanded, a potential to produce airborne fine fraction silica exists, and appropriate precautions (ventilation and respiratory protection) should be taken. Refer to Sections 7, 8 & 11 of this SDS for more information.

Unknown acute toxicity Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical nature Aqueous paste.

Chemical Name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Dibutyl phthalate	84-74-2	1 - 5	-	-
Quartz	14808-60-7	< 2.5	-	-

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash with soap and water. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water. Drink plenty of water. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms	None expected. May cause irritation to eyes, skin and respiratory tract.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None - product is an aqueous paste and is not flammable or combustible.
Hazardous combustion products	Not applicable. Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Explosion data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas.
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Environmental precautions

Environmental precautions	Do not flush into surface water or sanitary sewer system.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for reuse / disposal.
Prevention of secondary hazards	See also section 7, 8 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Do not breathe dust. If dried product is sanded, the potential to generate fine fraction crystalline silica exists. In this situation, good ventilation should be provided and appropriate respiratory protection worn if necessary to prevent exposure. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in a dry, cool and well-ventilated place. Keep from freezing. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits Dibutyl phthalate: 5 mg/m³ (TWA).

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems. If dust is created while using this product (e.g. during sanding of dried product) then good ventilation should be used to minimize exposure.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Protective gloves.

Skin and body protection Long sleeved clothing.

Respiratory protection A dust mask is recommended when processing creates dust.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	paste
Appearance	paste
Color	beige
Odor	slight
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.5 - 10.5	
Melting point / freezing point	No information available	No information available

Boiling point / boiling range	No information available	No information available
Flash point	-	Not applicable. Aqueous dispersion.
Evaporation rate	1	(water = 1.0)
Flammability (solid, gas)	-	Not applicable
Flammability Limit in Air		Not applicable
Upper flammability limit:	-	
Lower flammability limit:	-	
Vapor pressure	No data available	No data available
Vapor density	< 1	(air = 1)
Relative density	> 1	
Water solubility	slightly soluble	
Solubility in other solvents	No information available	No information available
Partition coefficient	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available	No information available
Kinematic viscosity	No information available	No information available
Dynamic viscosity	No information available	No information available
Explosive properties	Not applicable.	
Oxidizing properties	Not applicable.	
Other Information		
Softening point	No information available	
Molecular weight	No information available	
VOC Content (%)	No information available	
Density	No information available	
Bulk density	No information available	

10. STABILITY AND REACTIVITY

Reactivity	Stable.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye contact	Contact with eyes will cause irritation.
Skin contact	May cause irritation. Prolonged skin contact may defat the skin and produce dermatitis.
Ingestion	Not an expected route of exposure. May cause irritation.

Information on toxicological effects

Symptoms None expected. May cause irritation.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 98,759.00
ATEmix (inhalation-dust/mist) 434.85

Unknown acute toxicity Not applicable

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dibutyl phthalate 84-74-2	= 7499 mg/kg (Rat)	> 20000 mg/kg (Rabbit)	>= 15.68 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met. May cause skin irritation. Prolonged contact may cause redness and irritation.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met. Contact with eyes will cause irritation.

Respiratory or skin sensitization Not expected.

Germ cell mutagenicity None known.

Carcinogenicity Product contains >1% crystalline silica. In accordance with the Classification Decision of Industrial Minerals Association (IMA)-Europe with respect to the classification and labelling of crystalline silica (fine fraction), this product is classified as a Specific Target Organ Toxin (Repeated Exposure) Category 2. For full justification: www.crystallinesilica.eu.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

Reproductive toxicity Classification based on data available for ingredients. Contains a known or suspected reproductive toxin.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Route of exposure is through inhalation and the target organ is the lung. The main health effect of crystalline silica (fine fraction) is silicosis and it occurs, in the vast majority of instances, only after long term exposure to high concentrations.

Aspiration hazard Not applicable.

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a marine pollutant according to DOT: Dibutyl phthalate.

Ecotoxicity Harmful to aquatic life. Harmful to aquatic life with long lasting effects (based on components).

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea

Dibutyl phthalate 84-74-2	1.2: 72 h Desmodemus subspicatus mg/L EC50 0.4: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	0.71 - 1.2: 96 h Pimephales promelas mg/L LC50 flow-through 0.31 - 5.45: 96 h Pimephales promelas mg/L LC50 static 1.24: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.38 - 1.74: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.42 - 1.28: 96 h Lepomis macrochirus mg/L LC50 static 1.24 - 5.3: 96 h Oncorhynchus mykiss mg/L LC50 static	EC50 = 10.9 mg/L 30 min EC50 = 10.9 mg/L 5 min EC50 = 11.1 mg/L 15 min EC50 = 2.2 mg/L 24 h	2.99: 48 h Daphnia magna mg/L EC50 Static 3.4: 48 h Daphnia magna mg/L EC50
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Persistence and degradability No information available.

Bioaccumulation No information available.

Chemical Name	Partition coefficient
Dibutyl phthalate 84-74-2	5.38

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Recover or recycle if possible. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

TDG Not regulated

DOT Not Regulated (Single Container < RQ)
Marine pollutant This product contains a chemical which is listed as a marine pollutant according to DOT: Dibutyl phthalate.

15. REGULATORY INFORMATION

International Inventories
DSL/NDSL Complies

TSCA	Complies
EINECS/ELINCS	No information available
ENCS	No information available
IECSC	No information available
KECL	Complies
PICCS	No information available
AICS	No information available

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Safety, health and environmental regulations/legislation specific for the substance or mixture

If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. More detailed substance and/or ingredient information may be provided in the other sections of this SDS.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Chronic Hazard Star Legend * = *Chronic Health Hazard*

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Prepared By G. Seagrave.

Issue Date 17-Sep-2020

Revision Date 01-Jul-2021

Revision Note SDS sections updated: 1.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet