

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

1. Identification

1.1. Product identifier

Product Identity DME - Mold Cleaner Gallon

Alternate Names DME - Mold Cleaner Gallon

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

Intended use Metal Protection.

Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name DME Co
29111 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

Emergency

24 hour Emergency Telephone No. US CHEMTREC number 1-800-424-9300
Outside the US (Canada) number 1-703-527-3887
Mexico 1-800-681-9531 (CHEMTREC)

Customer Service: DME Co 800-626-6653 (U.S.), 800-387-6600 (Canada)
or 248-398-6000 (worldwide)

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Flam. Liq. 3;H226	Flammable liquid and vapor.
Skin Irrit. 3;H316	Causes mild skin irritation. (Not adopted by US OSHA)
Skin Sens. 1;H317	May cause an allergic skin reaction.
Asp. Tox. 1;H304	May be fatal if swallowed and enters airways.

2.2. Label elements



Danger

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

- P233 Keep container tightly closed.
- P240 Ground / bond container and receiving equipment.
- P241 Use explosion-proof electrical / ventilating / light / equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves / eye protection / face protection.

[Response]:

- P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P321 Specific treatment (see information on this label).
- P331 Do NOT induce vomiting.
- P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
- P363 Wash contaminated clothing before reuse.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

- P403+235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.

[Disposal]:

- P501 Dispose of contents / container in accordance with local / national regulations.

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
Distillates (petroleum), hydrotreated light CAS Number: 0064742-47-8	75 - 100	Asp. Tox. 1;H304	[1]
2-methylpentane-2,4-diol CAS Number: 0000107-41-5	1 - 5	Eye Irrit. 2;H319 Skin Irrit. 2;H315	[1][2]
Naphthalenesulfonic acid, dinonyl-, calcium salt CAS Number: 0057855-77-3	1 - 5	Skin Irrit. 2;H315 Eye Irrit. 2;H319 Skin Sens. 1;H317	[1]
Paraffin waxes (petroleum), hydrotreated CAS Number: 0064742-51-4	1 - 5	Not Classified	[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.

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

Section 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	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 accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview	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.
Inhalation	May be fatal if swallowed and enters airways.
Skin	May cause an allergic skin reaction. Causes mild skin irritation

Section 5. Fire-fighting measures

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment: Use CO₂, dry chemical, or foam, Water spray or fog, Cool containers / tanks with water spray. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep container tightly closed.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Flammable. Risk of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect against bursting containers

ERG Guide No. 128

Section 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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dike to collect large liquid spills. After cleaning, flush away traces with water.

Section 7. Handling and storage

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Remove all sources of ignition. Keep away from open flames, hot surfaces and sources of ignition. Unplug tools, appliances and motors before spraying. Do not allow can to touch any source of electricity. Do not puncture, crush or incinerate containers, even when empty.

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

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Do not store above 120 °F or in direct sunlight. Keep out of the reach of children.

Incompatible materials: Strong oxidizing agents, Strong acids, Strong bases.

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

7.3. Specific end use(s)

No data available.

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

Section 8. Exposure controls and personal protection

8.1. Control parameters

		Exposure	
CAS No.	Ingredient	Source	Value
0000107-41-5	2-methylpentane-2,4-diol	OSHA	No Established Limit
		ACGIH	Ceiling: 25 ppm
		NIOSH	C 25 ppm (125 mg/m3)
		Supplier	No Established Limit
0057855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0064742-47-8	Distillates (petroleum), hydrotreated light	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	Recommended 300 ppm PEL
0064742-51-4	Paraffin waxes (petroleum), hydrotreated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10 mg/m³ ACGIH.

8.2. Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Protective gloves recommended.
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.

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

Section 9. Physical and chemical properties

Appearance	Clear, Dark Liquid
Odor	Perfumed
Odor threshold	Not determined
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	< 93 °C / < 199 °F
Flash Point	41 °C / 106 °F
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	0.83
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)	< 5 cSt @ 40 °C
VOC Content	722 g/l ASTM E 1868

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity, Keep away from open flames, hot surfaces and sources of ignition, do not puncture or incinerate containers.

10.5. Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases.

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

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
Distillates (petroleum), hydrotreated light - (64742-47-8)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available	No data available	No data available
2-methylpentane-2,4-diol - (107-41-5)	3,700.00, Rat - Category: 5	7,892.00, Rabbit - Category: NA	No data available	No data available	No data available
Naphthalenesulfonic acid, dinonyl-, calcium salt - (57855-77-3)	No data available	No data available	No data available	No data available	No data available
Paraffin waxes (petroleum), hydrotreated - (64742-51-4)	No data available	No data available	No data available	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000107-41-5	2-methylpentane-2,4-diol	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0057855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-47-8	Distillates (petroleum), hydrotreated light	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

0064742-51-4	Paraffin waxes (petroleum), hydrotreated	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (Not adopted by US OSHA)
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	1	May be fatal if swallowed and enters airways.

Section 12. Ecological information

12.1. 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
Distillates (petroleum), hydrotreated light - (64742-47-8)	45.00, Pimephales promelas	4,720.00, Dendronereides heteropoda	Not Available
2-methylpentane-2,4-diol - (107-41-5)	10,000.00, Lepomis macrochirus	2,800.00, Cerodaphnia reticulata	Not Available
Naphthalenesulfonic acid, dinonyl-, calcium salt - (57855-77-3)	Not Available	Not Available	Not Available
Paraffin waxes (petroleum), hydrotreated - (64742-51-4)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

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.

Section 13. Disposal considerations

13.1. Waste treatment methods

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
14.1. UN number	UN3295	UN3295	UN3295
14.2. UN proper shipping name	UN3295, Hydrocarbons, liquid, n.o.s., 3, III	Hydrocarbons, liquid, n.o.s.	Hydrocarbons, liquid, n.o.s.
14.3. Transport hazard class(es)	DOT Hazard Class: 3	IMDG: 3 Sub Class: Not Applicable	Air Class: 3
14.4. Packing group	III	III	III
14.5. Environmental hazards			
IMDG	Marine Pollutant: No;		
14.6. Special precautions for user:	No further information		

Section 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.		
WHMIS 1988 Classification	B3 D2B		
US EPA Tier II Hazards	Fire: Yes		
	Sudden Release of Pressure: No		
	Reactive: No		
	Immediate (Acute): Yes		
	Delayed (Chronic): No		

Safety Data Sheet

DME - Mold Cleaner Gallon

SDS Revision Date:

07/26/2017

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.

Section 16. Other information

SDS Revision Date 07/26/2017

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:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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