

Safety Data Sheet

Viscerock FF

SDS Revision Date:

04/11/2014



1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity Viscerock FF
Alternate Names Embalming Chemical/Mixture

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

Intended use Embalming Chemical
Application Method See Technical Data Sheet.

1.3. 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
The Dodge Company, Inc (800) 443-6343, (978) 600-2099

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Acute Tox. 5;H303 May be harmful if swallowed. (Not adopted by US OSHA)

2.2. Label elements

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

Warning

H303 May be harmful if swallowed.

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[Prevention]:

No GHS prevention statements

[Response]:

P312 Call a POISON CENTER or doctor / physician if you feel unwell.

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

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 |
|--|----------|--|--------|
| 2-Propenoic acid, polymer with sodium 2-propenoate CAS Number: 0009033-79-8 | 10 - 25 | | [1] |
| Aluminium sulfate CAS Number: 0010043-01-3 | 1.0 - 10 | | [1] |
| Borax (B4Na2O7.10H2O) CAS Number: 0001303-96-4 | 1.0 - 10 | Repr. 1B;H360FD Acute Tox. 4;H332 | [1][2] |
| Methanol CAS Number: 0000067-56-1 | 1.0 - 10 | Flam. Liq. 2;H225 Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 3;H301 STOT SE 1;H370 | [1][2] |
| Isopropyl Alcohol CAS Number: 0000067-63-0 | 1.0 - 10 | Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 | [1][2] |

[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.

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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 fresh 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 | <p>Suspected of damaging fertility or the unborn child. Animal ingestion studies in several species, at high doses, indicate that borates cause reproductive and developmental effects. A human study of occupational exposure to borate dust showed no adverse effect on reproduction.</p> <p>Contact with eyes, prolonged skin contact may lead to irritation. Mildly toxic by ingestion and may injure mouth, throat, and gastrointestinal tract. Inhalation of dust may irritate nose and throat.</p> <p>Other Hazards: Dust irritant.</p> <p>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.</p> <p>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.</p> |
| Ingestion | May be harmful if swallowed. (Not adopted by US OSHA) |

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5. Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Oxides of carbon and nitrogen.

5.3. Advice for fire-fighters

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

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

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

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.

7. Handling and storage

7.1. Precautions for safe handling

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: Strong acids and amines

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

7.3. Specific end use(s)

No data available.

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8. Exposure controls and personal protection

8.1. Control parameters

Exposure

| CAS No. | Ingestion | Source | Value |
|--------------|--|----------|---|
| 0000067-56-1 | Methanol | OSHA | TWA 200 ppm (260 mg/m3) |
| | | ACGIH | TWA: 200 ppm STEL: 250 ppm Skin |
| | | NIOSH | TWA 200 ppm (260 mg/m3) ST 250 ppm (325 mg/m3) [skin] |
| | | Supplier | No Established Limit |
| 0000067-63-0 | Isopropyl Alcohol | OSHA | TWA 400 ppm (980 mg/m3) STEL 500 ppm |
| | | ACGIH | TWA: 200 ppm STEL: 400 ppm Revised 2003, |
| | | NIOSH | TWA 400 ppm (980 mg/m3) ST 500 ppm (1225 mg/m3) |
| | | Supplier | No Established Limit |
| 0001303-96-4 | Borax (B4Na2O7.10H2O) | OSHA | No Established Limit |
| | | ACGIH | TWA: 2 mg/m3 STEL: 6 mg/m3 |
| | | NIOSH | TWA 5 mg/m3 |
| | | Supplier | No Established Limit |
| 0009033-79-8 | 2-Propenoic acid, polymer with sodium 2-propenoate | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 0010043-01-3 | Aluminium sulfate | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |

Carcinogen Data

| CAS No. | Ingestion | Source | Value |
|--------------|-----------------------|--------|---|
| 0000067-56-1 | Methanol | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000067-63-0 | Isopropyl Alcohol | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0001303-96-4 | Borax (B4Na2O7.10H2O) | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |

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| | | | |
|--------------|--|------|--|
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0009033-79-8 | 2-Propenoic acid, polymer with sodium 2-propenoate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0010043-01-3 | Aluminium sulfate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

8.2. 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 when handling this material. If possible handle in the open.

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

Light tan granular Solid

Odor

Fruity

Odor threshold

Not Measured

pH

Not available

Melting point / freezing point (°C)

Not available

Initial boiling point and boiling range (°C)

Not available

Flash Point

Not available

Evaporation rate (Ether = 1)

Not available

Flammability (solid, gas)

Not Applicable

Upper/lower flammability or explosive limits

Lower Explosive Limit: 7%

Upper Explosive Limit: 73%

Vapor pressure (Pa)

Not available

Vapor Density

Not available

Specific Gravity

0.380-0.430

Solubility in Water

Negligible

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| | |
|---|--------------|
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature (°C) | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | Not Measured |
| VOC % | 1% |

9.2. Other information

No other relevant information.

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

Avoid prolonged exposure to heat and/or light.

10.5. Incompatible materials

Strong acids and amines

10.6. Hazardous decomposition products

Oxides of carbon and nitrogen.

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.

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| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr | Inhalation Gas LD50, ppm |
|--|--------------------------------|----------------------------------|---------------------------------|-------------------------------------|-------------------------------|
| 2-Propenoic acid, polymer with sodium 2-propenoate - (9033-79-8) | > 5,000.00, Rat - Category: NA | No data available | No data available | No data available | No data available |
| Aluminium sulfate - (10043-01-3) | No data available | No data available | No data available | No data available | No data available |
| Borax (B4Na2O7.10H2O) - (1303-96-4) | 2,660.00, Rat - Category: 5 | 10,000.00, Rabbit - Category: NA | No data available | 2.00, Rat - Category: 4 | No data available |
| Methanol - (67-56-1) | 143.00, Human - Category: 3 | 15,800.00, Rabbit - Category: NA | 128.00, Rat - Category: NA | No data available | 64,000.00, Rat - Category: NA |
| Isopropyl Alcohol - (67-63-0) | 4,710.00, Rat - Category: 5 | 12,800.00, Rat - Category: NA | 72.60, Rat - Category: NA | No data available | No data available |

| Item | Category | Hazard |
|---|----------|---|
| Acute Toxicity (mouth) | 5 | May be harmful if swallowed. (Not adopted by US OSHA) |
| Acute Toxicity (skin) | --- | Not Applicable |
| Acute Toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Eye damage/irritation | --- | Not Applicable |
| Sensitization (respiratory) | --- | Not Applicable |
| Sensitization (skin) | --- | Not Applicable |
| Germ toxicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive Toxicity | --- | Not Applicable |
| Specific target organ systemic toxicity (single exposure) | --- | Not Applicable |
| Specific target organ systemic Toxicity (repeated exposure) | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

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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 |
|--|-------------------------------|----------------------------|---|
| 2-Propenoic acid, polymer with sodium 2-propenoate - (9033-79-8) | Not Available | Not Available | Not Available |
| Aluminium sulfate - (10043-01-3) | Not Available | Not Available | Not Available |
| Borax (B4Na2O7.10H2O) - (1303-96-4) | 74.00, Limanda limanda | 484.00, Daphnia magna | 24.00 (72 hr), Scenedesmus subspicatus |
| Methanol - (67-56-1) | 100.00, Pimephales promelas | 10,000.00, Daphnia magna | 16.912 (96 hr), Ulva pertusa |
| Isopropyl Alcohol - (67-63-0) | 1,400.00, Lepomis macrochirus | 100.00, Daphnia magna | 100.00 (72 hr), Scenedesmus subspicatus |

12.2. Persistence and degradability

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.

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13. Disposal considerations

13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

14. Transport information

14.1. UN number Not Applicable

14.2. UN proper shipping name Not Regulated

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

| | |
|--------------------------|-------------------------|
| DOT Proper Shipping Name | Not Regulated |
| DOT Hazard Class | Not Applicable |
| DOT Label | None |
| UN / NA Number | Not Applicable |
| DOT Packing Group | Not Applicable |
| CERCLA/DOT RQ | 10004 gal. / 83333 lbs. |

IMO / IMDG (Ocean Transportation)

| | |
|---------------------------|----------------|
| IMDG Proper Shipping Name | Not Regulated |
| IMDG Hazard Class | Not Applicable |
| IMDG Sub Class | Not Applicable |
| IMDG Packing Group | Not Applicable |

14.4. Packing group Not Applicable

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

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15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification Not Regulated

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Aluminium sulfate (5,000.00)

Methanol (5,000.00)

EPCRA 302 Extremely Hazardous :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

Isopropyl Alcohol

Methanol

Proposition 65 - Carcinogens (>0.0%):

(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

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

(No Product Ingredients Listed)

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

(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :

Aluminium sulfate

Isopropyl Alcohol

Methanol

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Penn RTK Substances (>1%) :

Aluminium sulfate
Borax (B₄Na₂O₇·10H₂O)
Isopropyl Alcohol
Methanol

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.

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

H225 Highly flammable liquid and vapor.
H300 Fatal if swallowed.
H302 Harmful if swallowed.
H303 May be harmful if swallowed.
H305 May be harmful if swallowed and enters airways.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H360 May damage fertility or the unborn child.
H361 Suspected of damaging fertility or the unborn child.
H370 Causes damage to organs.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.

This is the first revision of this SDS format, changes from previous revision not applicable.

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