Safety Data Sheet
Action

SDS Revision Date: **03/12/2014**

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

1.1. Product identifier

Product Identity	Action
Alternate Names	Embalming Deodorizing Powder/mixture

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

Intended use	Embalming Deodorizing Powder
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

Flam. Sol. 2;H228	Flammable solid.
Acute Tox. 4;H302	Harmful if swallowed.
Acute Tox. 4;H332	Harmful if inhaled.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Dam. 1;H318	Causes serious eye damage.
Skin Sens. 1;H317	May cause an allergic skin reaction.
Carc. 2;H351	Suspected of causing cancer.
STOT SE 3;H335	May cause respiratory irritation.
Aquatic Chronic 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

H228 Flammable solid.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H410 Very toxic to aquatic life with long lasting effects.

[Prevention]:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P241 Use explosion-proof electrical / ventilating / light / equipment.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
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.
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice / attention.
P321 Specific treatment (see information on this label).
P330 Rinse mouth.
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P370+378 In case of fire: Use alcohol resistant foam, CO2, powder, water spray for extinction. Do not use water jet.
P391 Collect spillage.

[Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.
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
DICHLOROBENZENE **CAS Number: 0000106-46-7**	**25 - 50**	**Carc. 2;H351** **Eye Irrit. 2;H319** **Aquatic Acute 1;H400** **Aquatic Chronic 1;H410**	**[1][2]**
Paraformaldehyde **CAS Number: 0030525-89-4**	**25 - 50**	**Flam. Sol. 2;H228** **Acute Tox. 4;H302** **Acute Tox. 4;H332** **Skin Irrit. 2;H315** **Skin Sens. 1;H317** **Eye Dam. 1;H318** **STOT SE 3;H335** **Carc. 2;H351** **Aquatic Acute 3;H402**	**[1]**

[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

Move victim to fresh air.
Call 911 or emergency medical service if deemed necessary.
Give artificial respiration if victim is not breathing.
Administer oxygen if breathing is difficult.
Remove and isolate contaminated clothing and shoes.
In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
Removal of solidified molten material from skin requires medical assistance.
Keep victim warm and quiet.
Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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 the person is conscious, induce vomiting immediately by giving 2 glasses of water and pressing finger down the throat. Repeat until vomit is clear, then give milk. Contact a physician immediately.

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

Overview

Effects of contact or inhalation may be delayed. Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.
INHALATION: Highly irritating to upper respiratory tract. May cause inflammation to lining of nose, throat, and lungs, with bronchopneumonia and edema possible from extreme irritating exposure.
SKIN: Contact with dust can cause reddening and swelling. Prolonged and repeated contact causes a hardening or tanning effect. May cause contact allergic dermatitis.
EYE CONTACT: Exposure to high vapor concentrations or contact with liquid causes tearing and severe irritation. Contact with liquid causes severe burns.
INGESTION: Poisonous if swallowed. Causes severe irritation to mouth, throat, and stomach. Severe stomach pains will follow with possible loss of consciousness. Blindness or death may occur.
See section 2 for further details.

Inhalation

Harmful if inhaled. May cause respiratory irritation.

Eyes

Causes serious eye damage.

Skin

May cause an allergic skin reaction. Causes skin irritation.

Ingestion Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO^2, powder, water spray.
Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

May form formaldehyde gas, chlorine, hydrogene chloride, carbon monoxide, carbon dioxide, and phosgene.

Obtain special instructions before use.

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

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

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

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

5.3. Advice for fire-fighters

Wear positive pressure self-contained breathing apparatus (SCBA).
Structural firefighters' protective clothing will only provide limited protection.

Flammable/combustible material.
May be ignited by friction, heat, sparks or flames.
Some may burn rapidly with flare burning effect.
Powders, dusts, shavings, borings, turnings or cuttings may explode or burn with explosive violence.
Substance may be transported in a molten form at a temperature that may be above its flash point.
May re-ignite after fire is extinguished.

Fire may produce irritating and/or toxic gases.
Contact may cause burns to skin and eyes.
Contact with molten substance may cause severe burns to skin and eyes.
Runoff from fire control may cause pollution.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent entry into waterways, sewers, basements or confined areas.

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

Vapor is heavier than air and may flow along surface to distant ignition source and flashback.

As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions.
Keep unauthorized personnel away.
Stay upwind.
Keep out of low areas.

Clean up solid/liquid material carefully. Remove absorbent material to a chemical disposal area.

7. Handling and storage

7.1. Precautions for safe handling

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

Avoid contact with eyes and skin and inhalation of vapors, mists, and fumes. Avoid direct sunlight. Avoid heat, flames, sparks, and other ignition sources.

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

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in a cool dry place.

Incompatible materials: Avoid contact with strong oxidizers, strong alkalies, strong mineral acids, phenol and urea.

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.	Ingestion	Source	Value
0000106-46-7	DICHLOROBENZENE	OSHA	TWA 75 ppm (450 mg/m3)
		ACGIH	TWA: 10 ppm2B
		NIOSH	Ca
		Supplier	No Established Limit
0030525-89-4	Paraformaldehyde	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	75 ppm (TWA), 110 ppm (STEL), 10 ppm (TLV-TWA)

Carcinogen Data

CAS No.	Ingestion	Source	Value
0000106-46-7	DICHLOROBENZENE	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: Yes
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0030525-89-4	Paraformaldehyde	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. 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	White crystalline Powder
Odor	Pungent Aromatic
Odor threshold	Not Measured
pH	NA
Melting point / freezing point (°C)	NA
Initial boiling point and boiling range (°C)	77-79C 171-175F
Flash Point	64-67C 148-152F
Evaporation rate (Ether = 1)	NA
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** 2.5% **Upper Explosive Limit:** 73%
Vapor pressure (Pa)	Not Measured
Vapor Density	Greater than 1
Specific Gravity	0.900-0.950
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature (°C)	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
VOC %	53%

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

Dust generation, excess heat

10.5. Incompatible materials

Avoid contact with strong oxidizers, strong alkalies, strong mineral acids, phenol and urea.

10.6. Hazardous decomposition products

May form formaldehyde gas, chlorine, hydrogene chloride, carbon monoxide, carbon dioxide, and phosgene.

11. Toxicological information

Acute toxicity

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
DICHLOROBENZENE - (106-46-7)	No data available	No data available	No data available	No data available	No data available
Paraformaldehyde - (30525-89-4)	592.00, Rat - Category: 4	10,000.00, Rat - Category: NA	No data available	1.10, Rat - Category: 4	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	4	Harmful if swallowed.
Acute Toxicity (skin)	---	Not Applicable
Acute Toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	2	Causes skin irritation.
Eye damage/irritation	1	Causes serious eye damage.
Sensitization (respiratory)	---	Not Applicable
Sensitization (skin)	1	May cause an allergic skin reaction.
Germ toxicity	---	Not Applicable
Carcinogenicity	2	Suspected of causing cancer.
Reproductive Toxicity	---	Not Applicable
Specific target organ systemic toxicity (single exposure)	3	May cause respiratory irritation.
Specific target organ systemic Toxicity (repeated exposure)	---	Not Applicable
Aspiration hazard	---	Not Applicable

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

Very toxic to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
DICHLOROBENZENE - (106-46-7)	Not Available	Not Available	Not Available
Paraformaldehyde - (30525-89-4)	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

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

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 UN1325

14.2. UN proper shipping name Flammable solids, organic, n.o.s., (Contains Paraformaldehyde)

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	(1 lb) UN1325, Flammable solids, organic, n.o.s.,(Contains Paraformaldehyde), 4.1, III, Ltd. Qty. (25 lb) UN1325, Flammable solids, organic, n.o.s.,(Contains Paraformaldehyde), 4.1, III	**IMDG Proper Shipping Name**	Flammable solids, organic, n.o.s., (Contains Paraformaldehyde)
DOT Hazard Class	4.1	**IMDG Hazard Class**	4.1
DOT Label	4.1	**Sub Class**	Not Applicable
UN / NA Number	UN1325		
DOT Packing Group	III	**IMDG Packing Group**	III
CERCLA/DOT RQ	24 gal. / 203 lbs.		

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: Yes (DICHLOROBENZENE)

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

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 D2A E

US EPA Tier II Hazards

Fire: Yes
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs (lbs):

DICHLOROBENZENE (100.00)
Paraformaldehyde (1,000.00)

EPCRA 302 Extremely Hazardous :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

DICHLOROBENZENE

Proposition 65 - Carcinogens (>0.0%):

DICHLOROBENZENE

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%) :

DICHLOROBENZENE
Paraformaldehyde

Penn RTK Substances (>1%) :

DICHLOROBENZENE
Paraformaldehyde

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:

H228 Flammable solid.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H402 Harmful to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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

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