

Safety Data Sheet

acc. to OSHA HCS


Printing date 10/27/2014

Reviewed on 10/27/2014

1 Identification

- **Product identifier**
- **Trade name:** STAUF D712
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Distributor:**
STAUF USA, LLC.
11121 Hwy 70 Suite 102
Arlington, TN 38002, USA
Phone 1-901-820-0007
Fax 1-901-820-0101

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.
- **Safety phrases:**
Do not empty into drains.
This material and its container must be disposed of as hazardous waste.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**


Health = 1
Fire = 0
Reactivity = 0
- **WHMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

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· **Dangerous components:**

67-56-1 methanol

≤ 2.5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complications.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective clothing.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling** Avoid contact with the eyes.
- **Information about protection against explosions and fires:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
 - *Requirements to be met by storerooms and receptacles:* No special requirements.
 - *Information about storage in one common storage facility:* Not required.
 - *Further information about storage conditions:* Protect from frost.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

67-56-1 methanol

PEL	Long-term value: 260 mg/m ³ , 200 ppm
REL	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin
TLV	Short-term value: 328 mg/m ³ , 250 ppm Long-term value: 262 mg/m ³ , 200 ppm Skin; BEI

· *Ingredients with biological limit values:*

67-56-1 methanol

BEI	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
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- *Additional information:* The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
 - *General protective and hygienic measures:*
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
 - *Breathing equipment:* Not necessary if room is well-ventilated.
 - *Protection of hands:* Not required.
 - *Material of gloves:* Butyl rubber, BR
 - *Eye protection:* Goggles recommended during refilling.
 - *Body protection:* Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· *Appearance:*

<i>Form:</i>	Fluid
<i>Color:</i>	Light yellow
<i>Odor:</i>	Characteristic
<i>Odour threshold:</i>	Not determined.

· **pH-value at 20 °C (68 °F):** 7

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- **Change in condition**
Boiling point/Boiling range: 100 °C (212 °F)
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:**
Decomposition temperature: Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
Lower: Not determined.
Upper: Not determined.
- **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)
- **Density at 20 °C (68 °F):** 1.22 g/cm³ (10.181 lbs/gal)
- *Relative density* Not determined.
- *Vapour density* Not determined.
- *Evaporation rate* Not determined.
- **Solubility in / Miscibility with**
Water: Not determined.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
Dynamic at 20 °C (68 °F): 22500 mPas
Kinematic: Not determined.
- **Solvent content:**
Organic solvents: 0.0 %
Water: 21.8 %
VOC Content: 4.60 %
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- *LD/LC50 values that are relevant for classification:*

67-56-1 methanol		
Oral	LD50	13000 mg/kg (rat)

- *Primary irritant effect:*

- *on the skin:* No irritant effect.

- *on the eye:* No irritating effect.

- *Sensitization:* No sensitizing effects known.

- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- *Carcinogenic categories*

- *IARC (International Agency for Research on Cancer)*

None of the ingredients is listed.

- *NTP (National Toxicology Program)*

None of the ingredients is listed.

- *OSHA-Ca (Occupational Safety & Health Administration)*

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- *General notes:*

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:** Smaller quantities can be disposed of with household waste.

- **Uncleaned packagings:**

- *Recommendation:* Disposal must be made according to official regulations.

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· Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**
- DOT, ADR, ADN, IMDG, IATA Void
- **UN proper shipping name**
- DOT, ADR, ADN, IMDG, IATA Void
- **Transport hazard class(es)**
- DOT, ADR, ADN, IMDG, IATA
- *Class* Void
- **Packing group**
- DOT, ADR, IMDG, IATA Void
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

15 Regulatory information

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

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

67-56-1 | methanol

· TSCA (Toxic Substances Control Act):

1317-65-3 | calciumcarbonate

91081-53-7 | modifiziertes Kolophonium

24937-78-8 | Vinylacetat-Copolymer mit Ethylen

124-17-4 | 2-(2-butoxyethoxy)ethyl acetate

67-56-1 | methanol

Emulan EL

9003-04-7 | DispexAA 4935

10361-03-2 | sodium metaphosphate

7732-18-5 | water, distilled, conductivity or of similarpurity

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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- *Chemicals known to cause developmental toxicity:*

67-56-1 methanol

- *Canadian Ingredient disclosure list*

- *Limit 0,1%*

None of the ingredients is listed.

- *Limit 1%*

67-56-1 methanol

- *Carcinogenity categories*

- *EPA (Environmental Protection Agency)*

None of the ingredients is listed.

- *TLV (Threshold Limit Value established by ACGIH)*

None of the ingredients is listed.

- *MAK (German Maximum Workplace Concentration)*

None of the ingredients is listed.

- *NIOSH-Ca (National Institute for Occupational Safety and Health)*

None of the ingredients is listed.

- **Product related hazard informations:**

- *Hazard symbols:*

The product is not subject to identification regulations according to directives on hazardous materials.

- *Safety phrases:* Keep out of the reach of children.

- **National regulations:**

- *Technical instructions (air):*

Class	Share in %
Wasser	10-25
I	≤ 2,5
NK	2,5-10

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Technical Department

- **Contact:**

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- *Date of preparation / last revision* 10/27/2014 / 8

- *Abbreviations and acronyms:*

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization