

Safety Data Sheet
according to 1907/2006/EC (REACH),
1272/2008/EC (CLP), and GHS

Revision: 2/17/2014

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

1.1 Product identifier

Trade name: **DOSS**

1.2 Relevant identified uses of the substance or mixture and uses advised against No

Additional information.

Application of the substance / the preparation: Wetting agent

1.3 Details of the supplier of the Safety Data Sheet

Company:

Everchem Specialty Chemicals
1400 N. Providence Rd.
Suite 302
Media, PA 19063
Tel 484-234-5030

1.4 Emergency telephone number:

ChemtrekUSA .
800-424-9300

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3; H226: Flammable liquid and vapour.



GHS07

Eye Irrit. 2; H319: Causes serious eye irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R22: Harmful if swallowed.



Xi; Irritant

R36: Irritating to eyes.

R10: Flammable.

Information concerning particular hazards for human and environment:

The product has 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 is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS07

Signal word Warning

Hazard statements

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

Precautionary statements

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

P280: Wear protective gloves and eye protection.

P233: Keep container tightly closed.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: In case of fire: Use for extinction: CO2, powder or water spray.

P403+P235: Store in a well-ventilated place. Keep cool.

Hazard description:

WHMIS-symbols:

B3 - Combustible liquid

D2B - Toxic material causing other toxic effects



NFPA ratings (scale 0 - 4)



HMIS-ratings (scale 0 - 4)

HEALTH	2	Health = 2
FIRE	2	Fire = 2
REACTIVITY	0	Reactivity = 0

HMIS Long Term Health Hazard Substances

64-17-5 ethanol

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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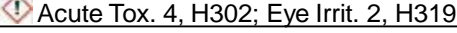


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3 Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 577-11-7 EINECS: 209-406-4	docusate sodium  Xn R22;  Xi R36  Acute Tox. 4, H302; Eye Irrit. 2, H319	>50%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol  F R11  Flam. Liq. 2, H225	<10%

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

4 First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Protect unharmed eye.

Rinse opened eye for several minutes under running water.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Gastric or intestinal disorders

Dizziness

Coughing

Hazards No Additional information.

4.3 Indication of any immediate medical attention and special treatment needed No

Additional information.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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- For safety reasons unsuitable extinguishing agents: None.
- **5.2 Special hazards arising from the substance or mixture** In case of fire, the following can be released:
Carbon monoxide (CO)
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** Cool endangered receptacles with water spray.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.
Protect from heat.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**
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

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect from heat.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Avoid storage near extreme heat, ignition sources or open flame.
Provide ventilation for receptacles.
- **Information about storage in one common storage facility:** Store
away from foodstuffs.

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Store away from oxidizing agents.

Do not store together with acids.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

7.3 Specific end use(s): No Additional information.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: **64-17-5**

ethanol

PEL (USA)	1900 mg/m ³ , 1000 ppm
REL (USA)	1900 mg/m ³ , 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m ³ , 1000 ppm
EL (Canada)	Short-term value: 1000 ppm
EV (Canada)	1,900 mg/m ³ , 1,000 ppm

DNELs No Additional information.

PNECs No Additional information.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures: Keep

away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product. Selection of the glove material should be based on the penetration time, rates of diffusion and the degradation of the glove material. Wear protective gloves to handle contents of damaged or leaking units.

Material of gloves:

The selection of a suitable gloves does not only depend on the material, but also on the quality, and varies from manufacturer to manufacturer.

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checked prior to the application.
Penetration time of glove material

The exact break through time has to be determined by the manufacturer of the protective gloves. DO NOT exceed the breakthrough time set by the Manufacturer.

Eye protection:



Safety glasses

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment No

Additional information.

Risk management measures

See Section 7 for additional information.

No Additional information.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Colour:	Colourless
Odour:	Mild
Odour threshold:	Not determined.

pH-value at 20 °C: 5,0-7,0

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	172 °F / 78 °C

Flash point: 107 °F / 42 °C

Flammability (solid, gaseous): Not applicable.

Ignition temperature: >500 °F / >260 °C

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure at 20 °C: 23 hPa

Density: 1,09 g/cm³

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· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· 9.2 Other information	No Additional information.

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts
with strong acids and oxidizing agents.
Reacts with peroxides and other radical forming substances.
- **10.4 Conditions to avoid**
Keep ignition sources away - Do not smoke.
Store away from oxidizing agents.
- **10.5 Incompatible materials:** No Additional information.
- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** 577-

11-7 docusate sodium

Oral LD50 1900 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** Slight irritant effect on skin and mucous membranes. **on the**
- **eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful

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Irritant

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12 Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** No Additional information.

· **12.2 Persistence and degradability** biodegradable

· **12.3 Bioaccumulative potential** Does not accumulate in organisms

· **12.4 Mobility in soil** No Additional information.

· **Ecotoxicological effects:**

· **Remark:**

Harmful to fish

Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

· **Additional ecological information:**

· **General notes:**

This statement was deduced from the properties of the single components.

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No Additional information.

13 Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Can be disposed of with household garbage with prior chemical-physical or biological treatment following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

· **Uncleaned packaging:**

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

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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14 Transport information

. 14.1 UN-Number

. DOT NA1993 (Note: Not US DOT regulated for U.S. domestic ground shipping in non-bulk packaging)

. ADR, IMDG, IATA

UN1993

. 14.2 UN proper shipping name

Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 L (1.3 gal).
. DOT Combustible Liquids, n.o.s. (Ethanol) (Note: Not US DOT regulated for U.S. domestic ground shipping in non-bulk packaging)
. ADR 1993 Flammable Liquids, n.o.s. (Ethanol)
. IMDG, IATA Flammable Liquids, n.o.s. (Ethanol)

. 14.3 Transport hazard class(es)

. DOT



. Class 3 Flammable liquids. (Not US DOT regulated for U.S. domestic ground shipping in non-bulk packaging)
. Label 3

. ADR



. Class 3 (F1) Flammable liquids.
. Label 3

. IMDG, IATA



. Class 3 Flammable liquids.
. Label 3

. 14.4 Packing group

. DOT, ADR, IMDG, IATA III

. 14.5 Environmental hazards:

. Marine pollutant: No

. 14.6 Special precautions for user

Warning: Flammable liquids.

. Danger code (Kemler):

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EMS Number:	F-E,S-E
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Transport category	3
Tunnel restriction code	D/E
UN "Model Regulation":	UN1993, Flammable Liquids, n.o.s. (Ethanol), 3, III

15 Regulatory information

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

United States (USA)

SARA

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings): None

of the ingredients is listed.

TSCA (Toxic Substances Control Act): All

ingredients are listed.

Proposition 65 (California):

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.

Chemicals known to cause developmental toxicity:

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5	ethanol
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Carcinogenic Categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

64-17-5	ethanol	1
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TLV (Threshold Limit Value established by ACGIH)

64-17-5	ethanol	A3
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• **NIOSH-Ca (National Institute for Occupational Safety and Health)** None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

• **Canada**

• **Canadian Domestic Substances List (DSL)** All ingredients are listed.

• **Canadian Ingredient Disclosure list (limit 0.1%)**

64-17-5	ethanol
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• **Canadian Ingredient Disclosure list (limit 1%)**

577-11-7	docusate sodium
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• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

• Relevant phrases

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

R11: Highly flammable.

R22: Harmful if swallowed.

R36: Irritating to eyes.

• Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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