

Date: 26 April 2021

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

SECTION1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: Chalker, Liquid Chalk

UFI: DOAR-QP00-5C9M-XRTR

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

Product use: for application to hands during rock climbing

1.3 Details of the Supplier of the safety data sheet:

company: AUSTRIALPIN GmbH
Industriezone C-2a
6166 Fulpmes
Austria

Contact: e-mail: office@austrialpin.at
Tel: 0043 (0) 5225 65248

1.4 Emergency telephone number: use your local Emergency number.

SECTION2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture to CLP No.1272/2008.

Flam. Liq. 2; H225, Skin Sens. 1; H317, Eye Irrit. 2; H319.

2.2 Label elements CLP No. 1272/2008.

Hazard pictograms:



Signal word: Danger

Contains: Rosin.

Hazard statements:

H225 Highly flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements:

General:

P102 Keep out of reach of children.

Prevention:

P210 Keep away from open flames. - No smoking.

P233 Keep container tightly closed.

P271 Use only outdoors or in a well-ventilated area.

Response:

P333 + 313 If skin irritation or a rash occurs: Get medical advice/attention.

P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Storage:

P403 + 235: Store in a well ventilated place. Keep cool

Disposal:

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

Additional information:

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2.3 Other hazards.

None know.

SECTION3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixture:**

CAS/EC-no.	REACH-no.	Name	Content %	Classification CLP
64-17-5 / 200-578-6	01-2119457610-43	Ethanol	60-100	Flam. Liq. 2; H225, Eye Irrit. 2; H319.
8050-09-7 / 232-475-7	01-2119480418-32	Rosin	5-10	Skin Sens. 1; H317.

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

- General information:** In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue.
- Inhalation:** Supply fresh air; consult doctor in case of complaints.
- Skin contact:** In case of allergic reaction wash with plenty of lukewarm water. Get medical attention if discomfort continues.
- Eye contact:** Remove contact lenses. Flush eyes with plenty of water for several minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If eye irritation persists: Get medical advice/attention.
- Ingestion:** Do not induce vomiting. Rinse mouth with water. Get medical attention immediately.

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

- Inhalation: Possible respiratory irritation, cough and headache
 Skin contact: An allergic reaction may occur with painful redness and irritation.
 Eye contact: may cause irritation.
 Ingestion: intoxication and nausea.

4.3 Indication of any immediate medical attention and special treatment needed:

- Treat symptomatically. Never induce vomiting to an unconscious person.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: CO₂, extinguishing powder, foam or water spray.

Unsuitable extinguishing media: Water jets should not be used, since they can spread the fire.

5.2 Special hazards arising from the substance or mixture:

- Highly flammable liquid and vapour.
 Fire will cause dense smoke. Hazardous decomposition products formed under fire conditions - Carbon Dioxide, Carbon Monoxide and other gases. Exposure may cause a health hazard.

5.3 Advice for firefighters:

- Wear self-contained breathing apparatus and protective clothing to prevent contact.
 Use water spray to cool unopened containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

See section on section 8 for information on personal protection. Avoid contact with eyes and skin. Smoking and naked flames prohibited. Avoid breathing mist/vapors/spray. Keep unprotected persons away.

6.2 Environmental precautions:

Avoid discharge to lakes, streams, sewers, etc. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up:

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Clean contaminated surface thoroughly. Do not use solvents.

6.4 Reference to other sections: See section 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

See section section 8 for information on personal protection. Avoid contact with eyes. Do not inhale vapors. Avoid breathing mist/vapors/spray. Wash hands/exposed skin after handling and before eating and drinking. Store and use away from heat, sparks or flame. Use explosion-proof electrical/ventilating/light/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.2 Conditions for safe storage, including any incompatibilities:

Store in original container away from direct sunlight in a cool, dry ventilated area. Keep away from food, drink and animal feedstuffs. Storage class 3A flammable liquids (flash point below 55°C)

7.3 Specific end use(s):

This product should only be used for applications described in Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters - Occupational exposure limits EH40 (Great Britain):

CAS-no:	Name:	Limits:
64-17-5	Ethanol	Long-term value: 1920 mg/m ³ , 1000 ppm

DNEL / PNEC: -

8.2 Exposure controls

Appropriate technical measures:

Airborne concentrations must be kept as low as possible. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Avoid contact with eyes.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Normally no personal respiratory protection is necessary.

Hand protection:

Not required in normal use. For prolonged contact with the product it is recommended that suitable protective gloves be used and/or a protective barrier cream. If irritation develops stop exposure.

Eye protection: Wear tightly safety goggles, if risk of contact. EN 166.

Body protection: None in normal use.

Measures to avoid environmental exposure:

Avoid discharge to lakes, streams, sewers, etc. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance: Liquid	Color: White	Odor: Alcohol-like.	PH: Neutral	Viscosity 20°C: 2000-3000 m.Pas – Brookfield spindle
Flash point: 14°C (ethanol)	Boiling point: >78°C	Vapour pressure: -	Density: 0,96-0,98 g/ml	Melting point: No data
Ignition temp.: -	Auto-ignition: 363°C - ethanol	Explosive limits 3,3-19 % - ethanol	Solubility in water: Soluble	

9.2 Other information:

No data.

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Stable product under normal conditions.
- 10.2 Chemical stability:** The product is stable under the conditions, noted in the section on "Handling and storage".
- 10.3 Possibility of hazardous reactions:** Stable under normal conditions.
- 10.4 Conditions to avoid:** Reacts with acids and alkalis.
- 10.5 Incompatible materials:** Acids, alkalis.
- 10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity:	Not classified.			
	Ethanol			
	Oral	Rat:	LD50:	7060 mg/kg
	Inhalation	RAT:	LC50:	20000 mg/l
	Dermal:	Rabbit:	LD50:	>2000 mg/kg

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: causes serious eye irritation.

Respiratory or skin sensitisation:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.



11.2 Information on other hazards:

Endocrine disrupting properties: The product/substance has no endocrine disrupting properties.

Other information:
 Inhalation: Possible respiratory irritation, cough and headache
 Skin contact: An allergic reaction may occur with painful redness and irritation.
 Eye contact: may cause irritation.
 Ingestion: intoxication and nausea.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: Not classified as hazardous to the environment.

Ethanol:
 Fish – LC50 – 96 h.: 1030 mg/l
 Daphnia – EC50 – 24 h.: >100 mg/l

12.2 Persistence and degradability: Ethanol: >70 % - OECD 301 D - easily biodegradable.

12.3 Bioaccumulative potential: Ethanol: does not accumulate in organisms

12.4 Mobility in soil: No further relevant information available.

12.5 Result of PBT and vPvB assesment: None know.

12.6 Endocrine disrupting properties: The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Avoid discharge to drain or surface water. Dispose of in accordance with internal procedures and rules. The coding of a waste stream is based on the application of the product by the consumer.

Contaminated packing: Properly cleaned container is disposed of according to packaging material, otherwise as the product itself.

SECTION 14. TRANSPORT INFORMATION

This product is classified as dangerous of transport.

	ADR/RID	IMDG/IMO
14.1 UN number	1993	1993
14.2 UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)
14.3 Transport hazard class(es)	3	3
14.4 Packing group	II	II
14.5 Environmental hazards - MP	No F-E, S-E	No F-E, S-E
Other informations	LQ: 1 L. TUNNEL: D/E	LQ: 1 L. TUNNEL: D/E

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
Not applicable.

SECTION 15. REGULATORY INFORMATION

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

Sources:

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation no. 2020/878. CLP regulation no. 1272/2008. REACH regulation 1907/2006. GB CLP.

Additional information:

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H225 Highly flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.



Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Changes 02-03-2021 section:

1, 2, 3, 7, 8, 9, 11, 12, 13, 15, 16.