SAFETY DATA SHEET
SAS422

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name SAS422

Container size 20g

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

Identified uses Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier

Van Line Ltd
1 Harker Way
Leeds
LS9 0DY
England

1.4. Emergency telephone number

Emergency telephone +44 (0)113 213 4300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements

EUH208 Contains 1,4-dihydroxybenzene. May produce an allergic reaction.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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Precautionary statements

P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Contains

ethyl 2-cyanoacrylate

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ethyl 2-cyanoacrylate **60-100%**

CAS number: 7085-85-0 EC number: 230-391-5

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
STOT SE 3 - H335

1,4-dihydroxybenzene **<1%**

CAS number: 123-31-9 EC number: 204-617-8

M factor (Acute) = 10

Classification
Acute Tox. 4 - H302
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Muta. 2 - H341
Carc. 2 - H351
Aquatic Acute 1 - H400

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Get medical advice/attention if you feel unwell.

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

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Ingestion Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

Skin contact If adhesive bonding occurs, do not force skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water. Cyanoacrylates give off heat on solidification. In rare cases a large a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin if lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull apart with direct opposing action.

Eye contact If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to de-bond the adhesive. Keep eye covered until de-bonding is complete, usually within in 1-3 days. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

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

General information Treat symptomatically.

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

Notes for the doctor Apply a pad soaked in warm water and allow the eyelids to separate. If adhesive bonding occurs, prise the skin apart slowly, working from the edge of the bonded area. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is not flammable. Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

5.3. Advice for firefighters

Protective actions during firefighting Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions The product is biodegradable.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Do not use cloths for mopping up. Polymerise with water and scrape off floor.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions For personal protection, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 2°C and 8°C.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

ethyl 2-cyanoacrylate

Short-term exposure limit (15-minute): WEL 0.3 ppm 1.5 mg/m³
WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Eye/face protection Wear eye protection.

Hand protection Wear protective gloves made of the following material: Polyethylene. polypropylene Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex). nylon cotton

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Clear.

Odour Characteristic.

Odour threshold No information available.

pH Not applicable.

Melting point No information available.

Initial boiling point and range 96-150°C

Flash point 85°C

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits No information available.

Vapour pressure .293 mm Hg

Vapour density No information available.

Relative density No information available.

Solubility(ies) Insoluble in water. Soluble in the following materials: Acetone.

Partition coefficient No information available.

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Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Explosive properties	No information available.

9.2. Other information

Other information	None.
Volatile organic compound	20 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Polymerisation will occur in the presence of moisture and other basic materials.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Polymerisation will occur in the presence of moisture and other basic materials.

10.4. Conditions to avoid

Conditions to avoid	None known.

10.5. Incompatible materials

Materials to avoid	Moisture.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Considered low toxicity.
Inhalation	Vapours may irritate eyes and respiratory system May cause inhalation hypersensitivity (occupational asthma) in sensitive individuals.
Ingestion	Cyanoacrylates are considered to have relatively low toxicity. It is almost impossible to swallow as it rapidly polymerises in the mouth.
Skin contact	Bonds skin and eyes in seconds. May cause skin irritation.
Eye contact	Bonds skin and eyes in seconds. In a dry atmosphere vapours may cause irritation and lachrymatory effect.

SECTION 12: Ecological information

Ecotoxicity	There are no data on the ecotoxicity of this product.

12.1. Toxicity

Ecotoxicity

Toxicity	Low

12.2. Persistence and degradability

Persistence and degradability	The product is biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

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EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Dangerous Preparations Directive 1999/45/EC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS
None of the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
None of the ingredients are listed or exempt.

SECTION 16: Other information

Revision date 07/02/2022

Revision 1

Supersedes date 30/08/2016

SDS number 5297

Hazard statements in full 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.
H335 May cause respiratory irritation.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
EUH208 Contains 1,4-dihydroxybenzene. May produce an allergic reaction.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

WARRANTY: All products purchased from or supplied by Van-Line Ltd are subject to terms and conditions set out in the contract. Van-Line Ltd warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Van-Line Ltd is consider accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Van-Line Ltd makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.