

Safety data sheet

according to 1907/2006/EC,
Article 31
Created on: 10.09.2021

Version 1.1

revised on: 10.12.2022

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

1.1 Product identifier Trade

name: Hand on resin

Formulation number: 3160

UFI: 19R8-Q0SX-Q00W-CNG3

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

Use as a cleaning agent: Resin removal on floors/hall floors, door handles and similar materials.

Other uses are not recommended as no further relevant information is available.

1.3 Details of the supplier of the safety data sheet

Hand on resin - Janis Vogt Eickener

Straße 18

DE - 49324 Melle

info@handaufsharz.net

+49 17643419285

1.4 Emergency number

GIZ North emergency number (24 hours/day): +49 551/19240

SECTION 2: Potential hazards

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Eye Irrit. 2 H319 Causes serious eye irritation

2.2 Labeling elements

Labeling according to Regulation (EC) No 1272/2008.

Hazard pictograms: GHS07



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Signal word: Attention

Hazard warnings:

H319 Causes serious eye irritation.

Safety instructions:

P264 Wash hands thoroughly after handling. P280

Wear eye / face protection.

P305+P351+P338 In case of contact with eyes: Rinse cautiously with water for several minutes.

Remove any contact lenses if possible. Continue rinsing.

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

Supplementary hazard information (EU):

EUH208 Contains monoethanolamine. May cause allergic reactions.

2.3 Other dangers



The mixture does not contain any components classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) according to Regulation (EC) No. 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Mixture of listed substances with non-hazardous additions. May contain other components below reportable quantities.

Composition/ information on ingredients:

Identification no.	Component	Hazard warnings	P-phrases	SCL/ M-factor/ ATE	Content in % by weight
CAS: 64-17-5 EC: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43	Ethanol	Danger  Flam. Liq. 2 H225  Eye Irrit. 2 H319	P210 P240 P241 P305+P351+ P338 P370+P378 P403+P233	Eye Irrit. 2 H319: < 5 % c ≥ 50%	

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CAS: 141-43-5 EC: 205-483-3 Index: 603-030-00-8 REACH: 01-2119486455-28	2-Aminoethanol	Danger  Acute Tox. 4 H302 Acute Tox. 4 H312 Acute Tox. 4 H332 STOT SE 3 H335	P261 P280 P303+P361+P353 P305+P351+P338 P310 P501	STOT SE 3 H335: c< 5 % ≥ 5%
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The wording of the instructions given can be found in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Provide sufficient fresh air. If you feel unwell, consult a doctor. After skin contact: Rinse with plenty of water. Do not rub in.

After eye contact: Rinse with plenty of water with eyelids open, consult an ophthalmologist if necessary. After swallowing: Rinse mouth with water, do not induce vomiting, drink plenty of water. If symptoms occur, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Information on immediate medical assistance or special treatment

No relevant information available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing agent

Suitable extinguishing agents: water (spray jet), alcohol-resistant foam, carbon dioxide, extinguishing powder, sand.

Unsuitable extinguishing agents: Full water jet (risk of dispersion and spread of fire).

5.2 Special hazards arising from the substance or mixture

A fire can produce dangerous gases such as carbon monoxide and carbon dioxide.

5.3 Instructions for firefighting

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For larger quantities: cool with water spray from a safe distance and knock down any vapors. Avoid penetration extinguishing water into surface water, groundwater and soil.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation and avoid eye contact.

6.2 Environmental protection measures

Avoid penetration of the product and large quantities of contaminated wash water into water and soil.

6.3 Method and material for retention and cleaning For larger quantities (more than intended use):

Pump off product or absorb with a suitable universal binder. Contain residues of the spilled material with neutralizing, non-flammable absorbent and dispose of in accordance with local regulations.

6.4 Reference to other sections

Information for safe handling - Section 7. Information on personal protective equipment - Section 8. Information on disposal - Section 13.

SECTION 7: Handling and storage

7.1 Protective measures for safe handling Advice on safe handling: Do not containers open. Work in well ventilated areas and avoid inhalation of vapors. Provide washing facilities at the workplace. Wash hands after use and before breaks. Do not eat, drink or smoke. Follow the usual precautions for handling chemicals.

Advice on protection against fire and explosion: Keep away from open sources of ignition and heat.

Information for the protection of the environment: Work and store on solid/sealed surfaces. Dispose of in accordance with local regulations (section 13).

7.2 Conditions for safe storage, taking into account incompatibilities

Information on storage conditions: Store in original container and keep container tightly closed. Protect from direct sunlight, heat and frost.

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Recommended storage temperature: Room temperature. Permanently not above 25 °C.

Storage instructions: Store separately from foodstuffs. Do not mix with other chemicals.

Additional information on the design of technical systems: Room ventilation or extraction. Measures against electrostatic charging.

Requirements to be met by storerooms and containers: If possible, store in the original container or in closed containers corresponding to the original container. Keep tightly closed in a dry, ventilated place. Store away from sources of ignition and heat.

Storage class: LGK 12 (optional classification according to TRGS 510).

7.3 Specific end uses

Apart from the applications specified in section 1.2. no other uses are intended.

SECTION 8: Exposure controls / Personal protective equipment

8.1 Parameters to be monitored

Ingredient: 1-Methoxy-2-propanol (CAS No.: 107-98-2; EC No.: 203-539-1)

Occupational exposure limits

Specification: Directive 2000/39/EC

8-hour average value: 100 ppm / 375 mg/m³ Short-

term limit value: 150 ppm / 568 mg/m³

Specification: TRGS 900 / AGW

Value: 100 ppm / 370 mg/ m³ (=MAK value)

Harmful to fruit: Not to be feared if the AGW and BGW are observed; Y-substance Pregnancy: Group C

Biological limit values

Specification: TRGS 903 / BGW value:

15 mg/l, urine, end of exposure

Harmful to fruit: not to be feared if the AGW and BGW are observed

Ingredient: Ethanol (CAS No.: 64-17-5; EC No.: 200-578-6)

Occupational exposure limits

Specification: TRGS 900 / AGW

Value: 200 ppm / 380 mg/ m³ (=MAK value)

Specification: Regulation (EC) No. 1907/2006

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Inhalation - long-term: 500 ppm / 950 mg/ m³ Skin

contact - long-term: 343 mg/kg

8.2 Exposure controls and monitoring General protective and hygienic measures: The usual precautionary measures for handling chemicals must be observed. Wash hands before breaks and at the end of work. Keep away from food, drink and foodstuffs. Remove soiled, soaked clothing and wash before reuse. Avoid contact with eyes. Wash hands after contact. Do not eat, drink or smoke while working. Do not inhale gases/vapors/aerosols.

Individual protective measures - personal protective equipment: Personal protective equipment must be selected for the specific workplace depending on the concentration and quantity of hazardous substances. The chemical resistance of the protective equipment should be clarified with the supplier.

Eye/face protection: Not applicable when used as intended. The use of safety goggles is recommended for cleaning activities with risk of splashing.

Skin protection: Not applicable when used as directed. Respiratory protection: Not applicable if used as directed.

Heat / cold protection: See sections 6 and 7.

Environmental exposure controls: See sections 6 and 7.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Physical state:	liquid
Color:	colorless
Odor:	slight smell of alcohol
Melting point/freezing point:	no data available
Boiling point:	approx. 100 °C
Flammability:	not classified as flammable
Lower and upper explosion limit:	not classified as flammable or explosive
Flash point:	Flash not determined, mixture only slightly flammable
Ignition temperature:	not applicable
Decomposition temperature:	no data available
pH value:	8,5
Kinematic viscosity:	no data available
Solubility in water:	completely miscible
Partition coefficient (n-octanol/water):	no data available
Vapor pressure:	Vapor no data available

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Density:	approx. 0.95 g/cm ³
Relative vapor density:	not applicable
Particle properties	not applicable

9.2 Other information

No relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions are known when handled and stored as directed (section 7).

10.2 Chemical stability

The mixture is chemically stable when handled and stored as directed (section 7).

10.3 Possibility of hazardous reactions

Violent reaction with oxidizing agents, acids and bases possible. Peroxide formation possible.

10.4 Conditions to avoid

Avoid ignition sources and high temperatures, as thermal decomposition is possible. Do not store permanently above 25°C or in frosty conditions. Protect from sunlight.

10.5 Incompatible materials

No incompatibilities are known if handled and stored as directed (section 7).

10.6 Hazardous decomposition products

No hazardous decomposition products are known when handled and stored as directed (section 7).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

There are no toxicological findings on the mixture.

Acute toxicity

Quantitative data on the toxicity of this product are not available.

Primary irritant effect

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Skin corrosion/irritation: Frequent or prolonged skin contact may degrease and dry out the skin, which may lead to skin discomfort and inflammation (dermatitis). Serious eye damage/irritation: Slightly irritating.

Respiratory or skin sensitization: In unventilated, small rooms, irritation is possible with highly concentrated vapours.

CMR effects Germ cell mutagenicity: Based on available data, the classification criteria are not met. The mixture

does not contain any substances classified as mutagenic.

Carcinogenicity: Based on available data, the classification criteria are not met. The mixture does not contain any substances classified as carcinogenic.

Reproductive toxicity: Based on available data, the classification criteria are not met. The mixture does not contain any substances classified as toxic for reproduction.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met. The mixture contains substances classified as specific target organ toxicant at single exposure.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met. The mixture does not contain any substances classified as specific target organ toxicants for repeated exposure.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Environmental information

12.1 Toxicity

The mixture is not classified. are no toxicological findings on the mixture.

12.2 Persistence and degradability

The mixture is not classified. The components are readily biodegradable.

12.3 Bioaccumulative potential

The mixture is not classified.

12.4 Mobility in soil

The mixture is not classified.

12.5 Results of the PBT and vPvB assessment

This mixture does not contain any substances as PBT or vPvB.

12.6 Endocrine disrupting properties

This substance has no relevant endocrine disrupting properties for non-target organisms as it does not meet the criteria in Section B of Regulation (EU) No 2017/2100.

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12.7 Other harmful effects

None known.

12.8 Other information

No further relevant information available.

SECTION 13: Disposal instructions

13.1 Waste treatment processes

Contaminated packaging: Dispose empty original containers with household waste or recycle.

Do not allow large quantities of the product/mixture to enter waste water/sewers and dispose of in accordance with national and regional regulations.

Waste code according to the Waste Catalogue Ordinance

(AVV): Cleaned packaging: 20 01 39 (plastic)

Product/mixture: 20 01 29 (cleaning agents containing dangerous substances)

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA: None.

14.2 UN proper shipping name

ADR, IMDG, IATA: None.

14.3 Transport hazard class

ADR, IMDG, IATA: None.

14.4 Packaging group

ADR, IMDG, IATA: None.

14.5 Environmental hazards

ADR, IMDG, IATA: No.

14.6 Special precautions for the user

See sections 6 - 8.

14.7 Transport in bulk according to Annex II of MARPOL in accordance with the IBC Code

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No relevant information available.

SECTION 15: Legislation

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

EU regulations:

- Regulation (EC) No 1272/2008 (CLP Regulation): see section 2.
- Regulation (EC) No. 648/2004 (Detergents Regulation): 5 - 15 % aliphatic hydrocarbons, < 5 % ethanol, < 5 % non-ionic surfactants.

National regulations:

Water hazard class (self-classification): WGK1 slightly hazardous to water.

15.2 Chemical safety assessment

A chemical safety assessment was not carried out.

SECTION 16: Other information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

Abbreviations:

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

CAS: Chemical Abstracts Service (international registration number for chemical substances)

CLP: Classification, Labeling and Packaging (Regulation on Classification, Labeling and Packaging of Chemicals (EC) No. 1272/2008)

EC No.: European Commission Number

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GIZ: Poison Information Center

IATA: International Air Transport IBC: Intermediate Bulk Container (lattice tank)

IMDG: International Maritime Code for Dangerous Goods (transport regulations for dangerous goods in maritime transport)

Index no: Identification code for hazardous substances according to CLP regulation

LGK: Storage class according to TRGS 510 (storage of hazardous substances in transportable containers) MARPOL: International Convention for the Prevention of Marine Pollution from Ships

PBT: Persistent, Bioaccumulative, Toxic

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REACH: Registration, Evaluation, Authorization of Chemicals (Regulation for the Registration, Evaluation and Authorization of Chemicals (EC) No. 1907/2006)

TRGS: Technical Rules for Hazardous

Substances UFI: Unique Formula Identifier

UN-No.: United Nations Number (number for labeling dangerous goods) vPvB: very Persistent and very Bioaccumulative

WGK: Water hazard class according to VwVwS (administrative regulation for substances hazardous to water)

References and data sources Regulations:

- REACH Regulation (EC) No. 1907/2006 -
- CLP Regulation (EC) No. 1272/2008 -
- Detergents Regulation (EC) No. 648/2004 -
- TRGS 220 -TRGS 907

Internet:

- GESTIS substance database
- BAuA
- GisChem
- ECHA

methods of Regulation (EC) No 1272/2008 were used to assess the information for the purpose of classification: The classifications chosen are based on the existing calculation methods.

Wording of the hazard statements and/or precautionary statements referred to in section 3:

1- Methoxy-2-propanol

Flam- Liq. 3: Flammable liquids - Category 3 H226:

Flammable liquid and vapor.

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 H336: May cause drowsiness or dizziness.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.

P261: Avoid breathing dust / fume / gas / mist / vapor / aerosol. P303+P361+P353: In case of contact with skin [or hair]: Take off immediately all contaminated clothing. Wash skin with water [or shower].

P304+P340: If inhaled: Remove person to fresh air and keep for breathing.

P312: If you feel unwell, call a poison center / doctor.

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P370+P378: In case of fire: Use CO₂, extinguishing powder or water spray to extinguish.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Ethanol Flam. Liq. 2: Flammable liquids - Category 2 H225: Highly

flammable liquid and vapor.

Eye Irrit. 2: Eye irritation - Category 2 H319:

Causes serious eye irritation.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.

P240: Ground container and system to be filled.

P241: Use explosion-proof electrical/ventilation/lighting equipment. P305+P351+P338:

In case of contact with eyes: Rinse cautiously with water for several minutes. Remove any contact lenses if possible.

Continue rinsing.

P370+P378: In case of fire: Use dry sand, extinguishing powder or alcohol-resistant foam to extinguish.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Alcohols, C11-15 secondary, ethoxylated

Skin Irrit. 2: Irritant effect on skin - Category 2 H315:

Causes skin irritation.

Eye Dam. 1: Serious eye damage - Category 1 H318:

Causes serious eye damage.

P264: Wash hands/skin thoroughly after handling.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P302+P352: After contact with skin: Wash with plenty of water.

P305+P351+P338+P310: In case of contact with eyes: Rinse cautiously with water for several minutes. Remove any contact lenses if possible. Continue rinsing. Immediately call a poison center / doctor.

P332+P313: If skin irritation occurs: Get medical advice/attention. P362+P364:

Take off contaminated clothing and wash before reuse.

2- Aminoethanol

Skin. Corr. 1B: Skin corrosion - Category 1B

H314: Causes severe skin burns and eye damage. Acute Tox. 4: Acute toxicity - Category 4

H302: Harmful if swallowed. H312: Harmful in contact with skin. H332: Harmful if inhaled.

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 H335: May cause respiratory irritation.

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Aquatic Chronic 3: Long-term aquatic hazard - Chronic 3 H412:

Harmful to aquatic life with long lasting effects. P261 Avoid breathing vapor/aerosol.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

Wash skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove any contact lenses if possible. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

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

Training for employees: Recommendation for general training on the safe handling chemicals and general hygiene measures.

Other information: None.