

SAFETY DATA SHEET
BDHA

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name 90105 BDHA

Synonyms, Trade Names INCI Name: Benzyl Alcohol, Dehydrocetic acid Blend

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

1.3. Details of the supplier of the safety data sheet

Shay and Company
10639 SE Fuller Rd
Milwaukie OR 97222
503-653-1155

1.4. Emergency telephone number
CHEMTREC 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Physical and Chemical Hazards Not classified.

Human health Acute Tox. 4 - H302, H332; Eye Dam. 2 - H319

Environment Not classified.

Classification (1999/45/EEC) Xn;R20/22. Xi;R36

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Contains Dehydrocetic acid Blend

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P261	Avoid breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Component	CAS No.	Weight, %
Benzyl Alcohol	100-51-6	85 – 90
Dehydrocetic Acid	520-45-6	6 – 10
Water	7732-18-5	3 - 7

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped. Inhalation

Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Skin contact

If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues. Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards:

Products of combustion are toxic

5.3. Advice for firefighters

Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water. Protective

equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Storage Class Unspecified

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Engineering measures: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good

ventilation practices.

Respiratory equipment: In processes where mists and vapors may be generated, a NIOSH/MSHA jointly approved respiratory is advised in the absence of proper environmental controls.

Hand protection: Protective gloves should be used if there is a risk of direct contact or splash.

Eye protection: If risk of splashing, wear safety goggles or face shield. Other Protection

Hygiene measures: No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Skin protection: Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear yellow Liquid
pH	Not known
Viscosity	Not known
Odour	Not known
Boiling Point	>200°C (estimated)
Melting/Freezing Point	Not known
Vapor density (Air=1)	Not known
Vapor pressure (mm Hg)	Not known
Percent volatile (by weight)	Not known
Solubility in water	Slightly soluble
Evaporation rate	Not known
Specific gravity (water=1)	1.075

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Thermal decomposition: No decomposition up to 100°C

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

See section-2

General information

No specific health warnings noted.

Inhalation

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Ingestion

No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

No specific health warnings noted.

Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings

No specific health warnings noted.

Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals. Medical

Considerations

Persons with rash are directed to skin expert for examination of allergic eczema.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Do not allow to enter soil, waterways or waste water

Biologically degradable, when diluted may be degraded in biological purification plants

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Must be taken to a special waste disposal site

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

N/A

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information contained herein is based on current knowledge and experience and from tests performed in a controlled environment. No responsibility is accepted that the information is sufficient, complete or correct in all cases. Users should consider the data only as a supplement to other information. Product specifications should be verified by users prior to usage. Users should make independent determination of suitability and completeness of information from all sources to assure proper use of this product and the safety of User's customers. Users should be aware that results may vary depending on use of and/or mixture of this product with other products. The determination of suitability of the above product for any particular use is solely the responsibility of the user. 7-8-15 NP