

SECTION 1 : Identification of the substance/mixture and of the supplier

Product name : Benzyl Alcohol

Classification of the substance or mixture:



Irritant

Acute toxicity (oral, dermal, inhalation), category 4
Skin irritation, category 2



Environmentally Damaging

Acute hazards to the aquatic environment, category 2

AcTox Oral. 4

AcTox Inhaln. 4

AcTox Dermal. 4

Skin Irrit. 2

Aquatic AcTox. 2

Signal word :Warning

Hazard statements:

Harmful if swallowed

Harmful in contact with skin

Harmful if inhaled

Causes skin irritation

Toxic to aquatic life

Precautionary statements:

If medical advice is needed, have product container or label at hand Keep
out of reach of children

Read label before use

Avoid breathing dust/fume/gas/mist/vapours/spray Wash
... thoroughly after handling

Do not eat, drink or smoke when using this product Use
only outdoors or in a well-ventilated area

Avoid release to the environment

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

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

IF ON SKIN: Wash with soap and water

Call a POISON CENTER or doctor/physician if you feel unwell

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Dispose of contents/container to ...

Other Non-GHS Classification:

WHMIS



NFPA/HMIS



NFPA SCALE (0-4)

Health	2
Flammability	1
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

SECTION 3 : Composition/information on ingredients

Ingredients:		
CAS 100-51-6	Benzyl Alcohol	>95 %
Percentages are by weight		

SECTION 4 : First aid measures

Description of first aid measures

After inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Immediately get medical assistance.

After skin contact: Wash hands and exposed skin with soap and plenty of water for 15-20 minutes. Get medical



Regd. Off.: Navkar Plaza, 6th Floor,
Bajaj Road, Vile Parle (W), Mumbai - 56. INDIA
Tel. : +91 022 6787 9700 (100 Lines), Fax : +91 022 6679 3257
E-mail : info@sahastraa.com, website : www.sahastraa.com

assistance.

After eye contact: Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Get medical assistance.

After swallowing: Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a



Regd. Off.: Navkar Plaza, 6th Floor,
Bajaj Road, Vile Parle (W), Mumbai - 56. INDIA
Tel. : +91 022 6787 9700 (100 Lines), Fax : +91 022 6679 3257
E-mail : info@sahastraa.com, website : www.sahastraa.com

physician or Poison Control immediately.

Most important symptoms and effects, both acute and delayed:

Irritation.Headache.Nausea.Shortness of breath.;May cause defatting of dermal skin layers.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5 : Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: None.

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.Combustible liquid. Containers may explode when heated.Keep product and empty container away from sources of ignition and heat.

Advice for firefighters:

Protective equipment: Wear protective eyeware, gloves, and clothing. Refer to Section 8.

Additional information (precautions): Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.Remove all sources of ignition. Take measures against static discharge.

SECTION 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.Ensure that air-handling systems are operational.

Environmental precautions:

Should not be released into environment.Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:

Wear protective eyeware, gloves, and clothing. Refer to Section 8.Provide ventilation. Use spark-proof tools and explosion-proof equipment.Always obey local regulations. If necessary use trained response staff or contractor. Clean up spills immediately observing precautions. Refer to Section 5.Absorb with inert material and containerize for disposal. Sweep up and containerize for disposal. Follow proper disposal methods. Refer to



Section 13.

Regd. Off.: Navkar Plaza, 6th Floor,
Bajaj Road, Vile Parle (W), Mumbai - 56. INDIA
Tel. : +91 022 6787 9700 (100 Lines), Fax : +91 022 6679 3257
E-mail : info@sahastraa.com, website : www.sahastraa.com

Reference to other sections:

SECTION 7 : Handling and storage

Precautions for safe handling:

Keep product and empty container away from heat and sources of ignition. Avoid contact with skin, eyes, and clothing. Do not inhale gases, fumes, dust, mist, vapor, and aerosols. Use under a fume hood. Wash hands before breaks and immediately after handling the product. Use spark-proof tools and explosion-proof equipment.

Conditions for safe storage, including any incompatibilities:

Storage class (TRGS 510): Combustible liquids. Store in cool, dry area. Keep away from open flames, hot surfaces, and sources of ignition. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials. Store in cool, dry area.

SECTION 8 : Exposure controls/personal protection



Control Parameters:	100-51-6, Benzyl alcohol , TWA 10.000000 ppm USA. Workplace Environmental Exposure Levels (WEEL)
Appropriate Engineering controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
Respiratory protection:	Use under a fume hood. A full face piece respirator equipped with organic vapor cartridge should be worn if exposure limit is exceeded.
Protection of skin:	Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.
Eye protection:	Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.
General hygienic measures:	Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

SECTION 9 : Physical and chemical properties

Appearance (physical state,color):	Clear colorless liquid	Explosion limit lower: Explosion limit upper:	1.3% 13%
Odor:	Odorless	Vapor pressure:	0.13 mbar @ 20°C
Odor threshold:	Not Determined	Vapor density:	3.72 (air = 1)
pH-value:	Not Determined	Relative density:	1.045 g/mL at 25°C
Melting/Freezing point:	-15°C	Solubilities:	Soluble in water: 33 g/l at 20°C
Boiling point/Boiling range:	205°C	Partition coefficient (n-octanol/water):	Not Determined
Flash point (closed cup):	96°C	Auto/Self-ignition temperature:	435°C

Evaporation rate:	Not Determined	Decomposition temperature:	Not Determined
Flammability (solid,gaseous):	Flammable	Viscosity:	a. Kinematic:Not Determined b. Dynamic: Not Determined
Density: Not Determined			

SECTION 10 : Stability and reactivity

Reactivity:Nonreactive under normal conditions.

Chemical stability:Air sensitive.

Possible hazardous reactions:None under normal processing.

Conditions to avoid:Incompatible materials.Excessive heat.Exposure to moisture or water.

Incompatible materials:Strong oxidizing agents.

Hazardous decomposition products:Carbon oxides.Acrid smoke and fumes.

SECTION 11 : Toxicological information

Acute Toxicity:		
Oral:	100-51-6	LD50 Oral - Rat - 1,230 mg/kg
Dermal:	100-51-6	LD50 Dermal - Rabbit - 2,000 mg/kg
Inhalation:	100-51-6	LC50 Inhalation - Rat - 8.8mg/L/4h
Chronic Toxicity: No additional information.		
Corrosion Irritation:		
Dermal:	100-51-6	Skin - Rabbit Result: Irritating to skin. - 24 h
Sensitization:		No additional information.
Single Target Organ (STOT):		No additional information.
Numerical Measures:		No additional information.
Carcinogenicity:		No additional information.
Mutagenicity:		No additional information.
Reproductive Toxicity:		100-51-6: Reproductive effects have been observed in experimental animals.

SECTION 12 : Ecological information

Ecotoxicity

Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 10 mg/l - 96 h: 100-51-6

Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 55 mg/l - 24 h: 100-51-6

Persistence and degradability: Biodegradability Biotic/Aerobic - Exposure time 28 d Result: 92 - 96 % - Readily biodegradable

Bioaccumulative potential:

Mobility in soil:

Other adverse effects: 100-51-6: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.



Regd. Off.: Navkar Plaza, 6th Floor,
Bajaj Road, Vile Parle (W), Mumbai - 56. INDIA
Tel. : +91 022 6787 9700 (100 Lines), Fax : +91 022 6679 3257
E-mail : info@sahastraa.com, website : www.sahastraa.com

SECTION 13 : Disposal considerations

Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification

SECTION 14 : Transport information

UN-Number

3334

UN proper shipping name

A Aviation regulated liquid, n.o.s. (Benzyl alcohol)

Transport hazard class(es)



Class:

9 Miscellaneous dangerous substances and articles

Packing group:III

Environmental hazard:

Transport in bulk:

Special precautions for user:

SECTION 15 : Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings): Acute,
Chronic

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed

RCRA (hazardous waste code):

None of the ingredients is listed

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): None of
the ingredients is 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:

None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL):

All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%):



Regd. Off.: Navkar Plaza, 6th Floor,
Bajaj Road, Vile Parle (W), Mumbai - 56. INDIA
Tel. : +91 022 6787 9700 (100 Lines), Fax : +91 022 6679 3257
E-mail : info@sahastraa.com, website : www.sahastraa.com

None of the ingredients is listed

Canadian NPRI Ingredient Disclosure list (limit 1%):

100-51-6 Benzyl Alcohol

End of msds