

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Strawberry Extract
CAS No: 7732-18-5, 56-81-5, 84929-78-2, 7377-03-9, 26402-26-6
Synonym: Water, Glycerin, Fragaria Vesca Fruit Extract, Caprylhydroxamic Acid, Glyceryl Caprylate
INCI Name: Fragaria ananassa extract
Product Use: Cosmetic use

Supplier: ASES CHEMICAL WORKS.
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2 HAZARDS IDENTIFICATION

Classification of the substance or mixture : No known significant effects or critical hazards.

Label elements : Not a hazardous substance or mixture.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight %	Molecular Weight
Water	8001-31-8	39%	18.02
Strawberry Extract	84929-78-2	20%	N/A
Glycerin	56-81-5	39%	92.09
Caprylhydroxamic Acid	7377-03-9	0.05 - 0.15%	N/A
Glyceryl Caprylate	26402-26-6	0.3 - 1%	N/A

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation: Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin: Flush with plenty of water and wash using soap.
Ingestion: Do not induce vomiting unless directed by medical personnel. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Use CO2, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material
Special Exposure Hazards: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Ensure adequate ventilation.
Environmental Protection Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods of Cleaning Absorb spill with non-combustible matter (such as detergent) and transfer to containers.

7 HANDLING & STORAGE

Handling: Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.
Storage Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum. Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respirator May be used (In case dust formation particle filter).
Eye Protection Wear appropriate protective eyeglasses or chemical safety goggles.
Hand Protection Wear compatible chemical-resistant gloves to prevent skin exposure
Work Hygiene Mechanical exhaust required. Safety shower and eye shower..

MATERIAL SAFETY DATA SHEET

STRAWBERRY EXTRACT

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Vapor Pressure:	Not available
Odor:	Characteristic	Vapor Density:	Not available
Color:	Transparent	Evaporation Rate:	Not available
Refractive Index (25°C):	1.392 - 1.500	Flammability Limits (% LFL):	Not available
pH:	4-6.5	Flash Point:	199°C (>390°F)
Boiling Point:	290°C (554°F)	Upper/lower Explosive Limit:	Not available
Melting Point:	Not applicable	Solubility:	Water Soluble
Specific Gravity:	1.05-1.15 g/cm ³		

10 STABILITY AND REACTIVITY

Reactivity and Chemical Stability:	Product is stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid strong oxidizers
Incompatible Materials:	No known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity(Glycerin):

Skin: LD50 for skin absorption in rabbits is > 10,000 mg/kg

Eyes: LC50 for 60 hours in rats is > 4 mg/l

Ingestion: Oral LD50 for rats is 17,000 to 27,211 mg/kg

Other Relevant Toxicity Information: Not Available .

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Material is practically non-toxic to fish on an acute basis (LC50 > 100mg/l).
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available

13 DISPOSAL CONSIDERATIONS

Residue for Disposal: Used containers may contain flammable or combustible residue. Dispose of according to local, state and federal regulations. Do not put into sewer lines.

Waste Packing: Waste must be disposed of in accordance with federal, state and local environmental control

14 TRANSPORT INFORMATION

Land/Air/Sea: No Special Requirement

15 REGULATORY INFORMATION

Manufactured as per specification set by BIS (India), FAO/WHO (JECFA), Each country has its own laws on coloring of food-stuffs, colorant permitted and their purity standards

16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.