

DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India
Telephone : +91 (20) 24530071
Email : info@jpharmachem.com, Web : www.jpharmachem.com
Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

ACETONE SODIUM BISULFITE

Revision date :

Page: 1/8

Version : 3.0

NUMBER

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

1.1 Product identifiers

Chemical Name Acetone Sodium Bisulfite
CAS NO. 540-92-1

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

1. ASB is used as anti-oxidant, preservative (reducing agent) in several pharmaceuticals such as Procaine HCl Injection, Dibucaine 1% Ointment.
2. ASB is also used in Mepivacaine hydrochloride Injection, Pentazocine Lactate Injection, Bupivacaine Hydrochloride Injection, and Epinephrine Injection.
3. ASB along with Persulfate are widely used as Redox Pair (initiator-inhibitor) combination in both emulsion based and emulsion free, resins.

Details of the supplier of the safety data sheet

COMPANY

DR. J. PHARMACHEM PVT LTD

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical and Chemical Hazards No data available
Human Health No data available
Environment No data available
No data available

2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

Label elements No data available
Hazard statement(s) No data available
Precautionary statement(s) No data available
According to European Directive 67/548/EEC as amended No data available

2.3 Other hazards

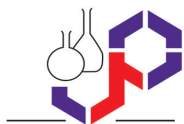
None

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component

Chemical Name Acetone Sodium Bisulfite
CAS NO 540-92-1
EC Number 208-761-2
Molecular Formula C₃H₇NaO₄S



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Molecular Weight 162.14 g/mol

Concentration Min. 98%

4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

5.2 Special hazards arising from the substance or mixture

Emits toxic fumes under fire conditions

5.3 Advice for firefighters

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes

5.4 Further information

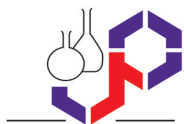
No data available

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

6.2 Environmental precautions



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Do not let product enter drains

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal

6.4 Reference to other sections

For disposal see section 13

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Norma

7.2 Information about protection against explosions and fires

No data available

7.3 Conditions for safe storage including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and cool place.

7.4 Specific end use(s)

None

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/face protection

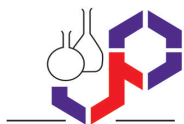
Safety glasses with side-shields .Use equipment for eye protection teHandle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. sted and approved under appropriate government standards.

Hands protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of



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contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection

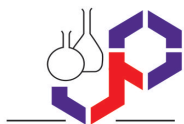
Use respirators and components tested and approved under appropriate government standards.

Control of environmental exposure

None

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Form: Crystalline powder Colour : White
b) Odour	Odourless
c) Odour Threshold	No data available
d) pH (% solution in water)	No data available
pH	4-5
e) Melting point/freezing point	Above 300°C
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid or gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	1.488 g/cm ³
n) Water solubility	10% solution is clear
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available



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9.2 Other safety information

Bulk Density	No data available
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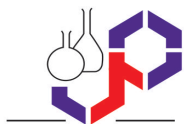
10 STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	Will not occur
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents, Acids.
10.6 Hazardous decomposition products	Carbon monoxide, Carbon dioxide, Sulfur oxides.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	LD50 Intraperitoneal Mouse >1 GM/KG
Acute oral toxicity	No data available
Acute Inhalation toxicity	No data available
Acute dermal toxicity	No data available
Acute Irritation / corrosion toxicity	No data available
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes eye irritation
Respiratory or skin sensitization	Material is irritating to mucous membranes and upper respiratory tract.
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
IARC	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Signs and symptoms of exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Route of exposure	No data available



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Aspiration hazard

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Inhalation

Material is irritating to mucous membranes and upper respiratory tract.

Ingestion

May be harmful by ingestion.

Skin

Causes skin irritation

Eyes

Causes eye irritation

RTECS

TZ6550000

12 ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

Toxicity to fish

No data available

Toxicity to daphnia and other aquatic invertebrates

No data available

Toxicity to Algae/Aquatic plants

No data available

Toxicity to microorganisms

No data available

12.2 Persistence and degradability

Biodegradation

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

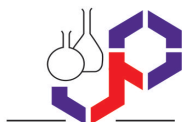
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this

Contaminated packaging

Dispose of as unused product

14 TRANSPORT INFORMATION

14.1 UN number



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ADR/RID	IMDG	IATA
-	-	-
14.2 UN proper shipping name		
ADR/RID	IMDG	IATA
Not dangerous goods	Not dangerous goods	Not dangerous goods
14.3 Transport hazard class(es)		
ADR/RID	IMDG	IATA
-	-	-
14.4 Packaging group		
ADR/RID	IMDG	IATA
-	-	-
14.5 Environmental hazards		
ADR/RID	IMDG Marine pollutant	IATA
-	-	-
14.6 Special precautions for user	None	

15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

15.2 Chemical Safety Assessment

no data available

16 OTHER INFORMATION

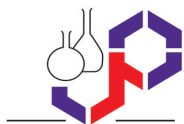
See under section 2

See under section 2

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Dr J Pharmachem (India) and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.jpharmachem.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Month of Revision :- March 2027



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