

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product Name : JOBO alpha fixer
 Name of Manufacturer : **JOBO International GmbH**
 Address : Kölner Straße 58a · 51645 Gummersbach Germany
 Phone Number : +49 (0) 2261 - 545-0
 MSDS No. : national emergency number (112 for most of EU. 911 for USA)

2. Hazards identification

GHS classification: not classified as hazardous

Physical-chemistry-like danger:

No GHS signal word required

Environmental danger: no data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture

INGREDIENT	WT. %	CAS. No
Natrium thiosulfate	10-15%	7772-98-7

4. First aid measures

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Skin: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.

Ingestion: Get medical attention if symptoms occur.

5. Firefighting measures

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture

Hazardous Combustion Products: None (noncombustible), (see also Hazardous Decomposition Products sections.)

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

Unusual Fire and Explosion Hazards: None.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.

Methods and materials for containment and cleaning up: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination.

Environmental precautions: No information available.

7. Handling and storage

Precautions for safe handling

Personal precautions: Do not breathe mist or vapour at concentrations greater than the exposure limits. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Keep away from incompatible substances (see Incompatibility section.)

Store between 5 °C and 40 °C

8. Exposure controls/personal protection

Individual protection measures, such as personal protective equipment

Eye protection: Wear eye/face protection.

Hand protection: Wear protective gloves.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with applicable federal, state,

commonwealth, provincial, or local laws and regulations.

9. Physical and chemical properties

Physical form: powder
 Color: Colorless-white
 Odor: Odorless
 Specific gravity: 1.67
 Vapor pressure: No data available
 Vapor density: No data available
 Boiling point/boiling range: no data available
 Melting point/range: 48.5°C
 Water solubility: No data available
 pH: 6-8.5
 Flash point: does not flash
 Evaporation rate: No data available
 Flammability (Solid; gas): No data available
 Upper explosion limit: No data available
 Lower explosion limit: No data available
 Partition coefficient: n-octanol/water: No data available
 Auto-ignition temperature: No data available
 Decomposition temperature: No data available
 Viscosity: No data available
 Explosive properties: No data available
 Oxidizing properties: No data available

10. Stability and reactivity

Reactivity: product is reactive
 Chemical stability: Stable under normal conditions.
 Possibility of hazardous reactions: Hazardous polymerisation does not occur.
 Conditions to avoid: humidity, warmth. Avoid contact with flames.
 Incompatible materials: None with common materials and contaminants with which the material may reasonably come into contact.
 Hazardous decomposition products: no data available

11. Toxicological information

General advice:

Eyes: on data available on irritation to the eyes

Skin: no data available on skin irritation.

Ingestion: no data available on ingestion hazard.

12. Ecological information

The product is neither hazardous for the ecology nor for ozone.

13. Disposal considerations

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport information

Not regulated for all modes of transportation.

15. Regulatory information

Notification status

Regulatory List

Notification status

TSCA	All listed
DSL	All listed
NDSL	None listed
EINECS	All listed
ELINCS	None listed
NLP	None listed
AICS	All listed
IECS	All listed
ENCS	All listed
ECI	All listed
NZIoC	All listed
PICCS	All listed

"Not all listed" indicates one or more component is either not on the public Inventory or is subject to exemption requirements.



Black & White neutral fixer
Sep 13, 2022

16. Other information

JOBOD alpha neutral fixer

Volume per bag : 285 g.

(To make 2000 ml of working solution)

The data above reflects current legislative requirements whereas the product in your possession may carry a different version of the label depending on the date of manufacture.