

Safety Data Sheet

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

Product Name : JOBO alpha developer part B
 Name of Manufacturer : JOBO International GmbH
 Address : Kölner Straße 58a · 51645 Gummersbach Germany
 MSDS No. : national emergency number (112 for most of EU. 911 for USA)

2. Hazards identification

GHS Classification : This product doesn't fall under the classification criteria.

Health Hazards

Skin : May cause skin irritation.
 Eye : May cause eye irritation.
 Inhalation : May cause respiratory irritation.
 Ingestion : May be harmful if swallowed
 Extra Information : Especially, none

Environmental Hazards No data

Aquatic environmental hazards : Category 2

GHS Label Elements

Symbol(s)



Warning

GHS08

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture :	Mixture		
INGREDIENT		WT. %	CAS. No
Water		85-95%	7732-18-5
Potassium 2,5-dihydroxybenzenesulfonate		1-5%	21799-87-1
N-Ethyl-N(2-hydroxyethyl)-p-phenylenediamine sulfate		0.5-2%	4327-84-8
Sodium sulfite		3-10%	7757-83-7
1,2-propanediol		< 0.5%	57-55-6

4. First aid measures

- Inhalation : Remove patient from exposure, keep warm and at rest Obtain medical attention if ill effects occur
- Skin Contact : Remove contaminated clothing
Wash skin with water
If symptoms develop, obtain medical attention
- Eye Contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes
Obtain medical attention if ill effects occur
- Ingestion : Wash out mouth with water
Obtain medical attention if ill effects 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 : Avoid contact with skin and eyes.

Environmental precaution : Do not release to the environment

Method and materials for contaminant and cleaning up :

Absorb spillages in sand, earth or any suitable absorbent material.

Transfer to a container for disposal

7. Handling and storage

Handling :

Avoid opening drums in unventilated areas to avoid concentrated vapors.

Avoid breathing vapors.

Avoid contact with skin and eyes.

Storage :

Keep away from frost

Store between 5 °C and 40 °C

Stir well before use

8. Exposure controls/personal protection

Exposure Control :

Avoid contact with skin and eyes.

Do not breathe vapor/spray.

Use only in well-ventilated areas.

Personal Protection Equipment :

Respiratory Protection : Wear suitable respiratory protective equipment.

Protective Gloves : Use of gloves is recommended.

Eye Protection : Safety goggles.

Skin Protection : Wear suitable protective clothing.

Ventilation : General room ventilation adequate.

9. Physical and chemical properties

Physical form: liquid

Color: Color less

Odor: Odor less

Specific gravity: 1.06

Vapor pressure: No data available

Vapor density: No data available
 Boiling point/boiling range: 100.0 °C (212.0 °F)
 Melting point/range: No data available
 Water solubility: No data available
 pH: 6.6
 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: No data available
 Chemical stability: Stable under normal conditions.
 Possibility of hazardous reactions: Hazardous polymerisation does not occur.
 Conditions to avoid: No data available
 Incompatible materials: None with common materials and contaminants with which the material may reasonably come into contact.
 Hazardous decomposition products: Nitrogen oxides (NO_x), Sulphur oxides

11. Toxicological information

Effects of Exposure
 General advice:
 Eyes: Causes serious eye irritation.
 Skin: Causes skin irritation.
 Ingestion: Expected to be a low ingestion hazard.

Route of entry : May cause absorption in the body by inhalation, dermal and oral.

Irritant properties : This product has a possibility of irritating to skin and eyes.

Acute toxicity :

ORAL (LD50)	>2000mg/kg (rat)
INHALATION (LD50)	No Data
DERMAL (LD50)	No Data

Data for Hydroquinone (123-31-9)

LD50 Oral - Rat - 367,3 mg/kg

LD50 Dermal - Rabbit - > 2.000 mg/kg

12. Ecological information

No data on possible environmental effect have been found.

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.

16. Other information

JOB0 alpha developer part B

Volume per unit : 300ml

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.