

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



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

	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

Substance/Mixture ·

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 (NOx), 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) > 2000 mg/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

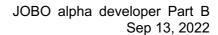
Not regulated for all modes of transportation.

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

JOBO 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.