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INDIA GLYCOLS LIMITED

Plot No. 2, 3, 4 & 5, Pharmacy, Selaqui, Dehradun –Uttarakhand –India.

SAFETY DATA SHEET

Material Name: Berberine Powder 40% CWS (Berbisol)

Doc. No.

QA/SDS/2026/BER/01

Effective Date: 11-05-2026

Review Before: 2 Year

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Section 1: Identification

1.1 Product Identifier

Product Name: Berberine Powder 40% CWS (Berbisol)

Product Code: EBBEWS171

CAS-No. : 633-65-8

Synonym: Berberina, Berberine alkaloid, Berberine, Umbellatine & Natural Yellow 18.

Other means of identification: NA

Chemical Formula: NA

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

1.2.1 Relevant identified uses

Function or use category : Dietary supplement

1.2.2 Uses advised against

Restrictions on use : Do not use : Ingestion, Inhalation, Dermal

1.3 Details of the supplier of the safety data sheet

Contact Information (Head Office):

India Glycols Limited

Plot No. 2-B, Sector-126

Noida-201304 (UP), INDIA

Tel.: +91-120-3090100, 3090200,

Fax: +91-120-3090111, 3090211

Distributed by:

Univar Solutions USA

3250 Lacey Rd., Suite 600

Downers Grove, IL 60515

Telephone: 1-855-429-2661

Emergency phone number:

CHEMTREC 1-800-424-9300

Contact Information (works):

India.Glycols Limited

Plot No. 2,3,4&5, Pharmacy, Selaqui, Dehradun

Uttarakhand –India.

Contact No.: +91-135-2698620

1.4 Emergency telephone number

Contact No.: +91-135-2698620

Section 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Skin Irritation, Eye Irritation, and Respiratory irritation according to Regulation (EC) No. 1272/2008 (CLP)

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

Pictogram(s)



⚠ GHS07

Skin irritation

H315 Causes skin irritation.

Eye irritation

H319 Causes serious eye irritation.

STOT SE 3

H335 May cause respiratory irritation

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Label elements · GHS label elements The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS07 · Signal word Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

P261 : Avoid breathing dust/fume/gas/mist/vapors/spray

P264 : Wash thoroughly after handling.

P271 : Use only outdoors or in a well-ventilated area.

P280 : Wear protective gloves / eye protection / face protection.

P302+P352 If on skin : Wash with plenty of water.

P304+P340 IF INHALED : Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 : Call a poison center/doctor if you feel unwell.

P321 : Specific treatment (see on this label).

P362+P364 : Take off contaminated clothing and wash it before reuse.

P332+P313 : If skin irritation occurs: Get medical advice/attention.

P337+P313 : If eye irritation persists: Get medical advice/attention.

P403+P233. : Store in a well-ventilated place. Keep container tightly closed

P405 : Store locked up.

P501 : Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)



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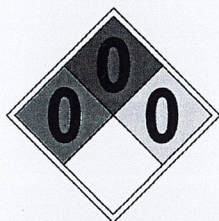
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Health = 0 Fire = 0 Reactivity = 0

HMIS-ratings (scale 0 - 4)

HEALTH	0
FIRE	0
REACTIVITY	0

Health = 0 Fire = 0 Reactivity = 0

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

Section 3: Composition/information on ingredients

Ingredients	CAS No.	Quantity (%)
Berberine Extract	633-65-8	40-50
Other Additives: Mannitol, Tween 80 (Polylobate 80), Naringin, Quercetin dehydrate, Sunflower Lecithin, Piperine extract powder 95%.		

Section 4: First Aid Measures

4.1 Description of necessary first-aid measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.



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Remove and wash/dispose of contaminated clothing promptly.
4.2 Most important symptoms/effects, acute and delayed: No data available
4.3 Indication of immediate medical attention and special treatment needed, if necessary: No data available

Section 5: Fire-fighting measures

5.1 Extinguishing Media:
Suitable extinguishing media
 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical:
 Emits toxic fumes under fire conditions.

5.3 Special hazards arising from the substance or mixture
 Carbon oxides
 Nitrogen oxides (NOx)
 Hydrogen chloride gas

5.4 Special firefighting procedures:
 Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

5.5 Further information
 No data available

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
 Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8

6.2 Environmental precautions:
 Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
 Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.
 Protective Action Criteria for Chemicals
 PAC-1: Substance is not listed.
 PAC-2: Substance is not listed.
 PAC-3: Substance is not listed.

Section 7: Handling and Storage

7.1 Precautions for safe handling
Advice on protection against fire and explosion
 Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
 Local exhaust ventilation necessary
 Take precautionary measures against electrostatic charging
 Avoid dust formation; consider dust explosion hazard
 Suitable materials - stainless steel, aluminum, glass, polyethylene.

7.2 Conditions for safe storage, including any incompatibilities



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Storage conditions - below 30 °C
 Protected from light and humidity
 Keep container tightly closed
 Packaging materials - Tightly closing; material: polyethylene, aluminum, HDPE drum.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters:**Occupational Exposure limit values:** Not Available**Biological limit values:** Not Available**8.2 Appropriate engineering controls:**

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

8.3 Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection: Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection: Wear dust mask when handling large quantities.

Thermal hazards: Not available

Section 9: Physical and Chemical Properties

Physical state and appearance: Free flowing granular powder.

Color: Yellowish

Molecular Formula: Not applicable

Molecular Weight: Not applicable

pH (1% soln/water): Not available

Melting Point: Not available

Critical Temperature: Not available.

Specific Gravity: Not applicable.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff. Not applicable

Ionicity (in Water): Not available.

Dispersion Properties: Not available

Solubility: Not applicable

Section 10: Stability and Reactivity Data

10.1 Stability/ Retest Date: Stable under the conditions mentioned in chapter 7.

10.2 Conditions to be avoided: Excess heat, light, exposure to air and moisture/water.

10.3 Material to be avoided: atmospheric oxygen, oxidizing agents, reducing agents.



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10.4 Hazardous decomposition products: Unknown

Section 11: Information Toxicological

Information on toxicological effects

Toxicity to animal:

Acute Toxicity: LD50 Oral - Rat - > 15.000 mg/kg

Remarks: Behavioral: Somnolence (general depressed activity).

Nutritional and Gross Metabolic: Changes in: Body temperature decrease.

Inhalation: No data available

Dermal: No data available

Respiratory or skin sensitization: No data available

Carcinogenicity: 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

Aspiration hazard: No data available

11.2 Additional Information

Endocrine disrupting properties: No data available

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

Section 12: Ecological Information

12.1 Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

12.2 Persistence and degradability: well inherently biodegradable (82%, 24 h)

(Batch-wise test similar to SCAS with adaptation phase)

Air pollution: observe local/national regulations

12.3 Bio accumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Other adverse effects: No data available

12.6 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Section 13: Disposal Considerations

Waste treatment methods: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Regional legislation (waste): Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product. Dispose of this material and its container at hazardous or special waste collection point.

RCRA waste - not regulated under RCRA

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Section 14: Transport Information

UN-Number	
DOT,IMDG, IATA	Not regulated
UN-proper shipping name	
DOT,IMDG, IATA	Not regulated
Transport hazard class(es)	
DOT, AND, IMDG, IATA	Not regulated
Class	
Packing group	
DOT,IMDG, IATA	Not regulated
Environmental hazards:	Not applicable
Special precautions for use:	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.	
UN "Model Regulation":	Not regulated

Section 15: Other Regulatory Information

US federal regulations - This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Sara

Section 355 (extremely hazardous substances): Substance is not listed.

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): ACTIVE

Hazardous Air Pollutants Substance is not listed

Proposition 65

Chemicals known to cause cancer: Substance is not listed.

Chemicals known to cause reproductive toxicity for females: Substance is not listed.

Chemicals known to cause reproductive toxicity for males: Substance is not listed.

Chemicals known to cause developmental toxicity: Substance is not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Section 16: Other Information

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 we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. India Glycols Limited shall not be held liable for any damage resulting from handling or from contact with the above product.