

Safety Data Sheet

according to Regulation (EC) No.1907/2006 (REACH), amended by COMMISSION REGULATION (EU) 2020/878

Product name : Gas leak detection liquid MONJU®

Date of revision : 02/Aug/2021

SDS No. : MONJU_EU-1

Revision No. : 1

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

1.1 Product identifier:

Product name: Gas leak detection liquid MONJU®

Product code (SDS NO): MONJU_EU-1

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

Relevant identified uses of the product: Gas leak detection

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: KANOH CO., LTD.

Address: 2-9-26 Obacho, Moriguchi-shi, Osaka-fu, 570-0009 Japan

Telephone number: +81-6-6908-0460

FAX: +81-6-6908-0458

1.4 Emergency telephone number: +81-6-6908-0460

2. Hazards identification

GHS classification and label elements of the product

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No.1272/2008 [CLP]

Not classified/Classification not possible

2.2 Label elements

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

No GHS label element

No Signal word

2.3 Other hazards

The product does not contain any ingredient designated as PBT and/or vPvB.

The product does not contain any ingredients designated as Endocrine disrupting properties.

3. Composition/information on ingredients

Mixture/Substance selection:

3.2 Mixture

Ingredient name	CAS No.	Content (%)
HAZCODE_EU	ECNO	
Ion-exchanged water	7732-18-5	CBI
-	231-791-2	
Polyvinyl pyrrolidone	9003-39-8	CBI
-	-	
Anionic surfactant	25155-30-0	< 1
-	246-680-4	

Note : The figures shown above are not the specifications of the product.

Components contributing to the hazard

The product does not contain any ingredients listed in REACH SVHC candidate list.

4. First-aid measures

4.1 Descriptions of first-aid measures

General measures

Show this SDS, the product container or label when getting medical attention/advice.

IF INHALED

Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor/physician if you feel unwell.

IF ON SKIN (or hair)

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

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.

IF SWALLOWED

Rinse mouth. Do NOT induce vomiting.
If victim is conscious, give 1 - 2 glasses of water, milk.
Immediately call a POISON CENTER/doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Specific information on symptom and effect are unknown.

4.3 Indication of any immediate medical attention and special treatment needed

Information on indication of any immediate medical attention and special treatment needed is not available.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.
The product is non-flammable.

Unsuitable extinguishing media

Unsuitable extinguishing media data is not available.

5.2 Specific hazards arising from the substance or mixture

Specific hazards arising from the substance or mixture is not available.

5.3 Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

6. Accidental release measures

6.1 Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.
Ventilate area until material pick up is complete.
Wear proper protective equipment.

6.2 Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.
Do not wash away into sewers or waterway.

6.3 Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.
For large spill, dike for later disposal.

Preventive measures for secondary accident

Wash contaminated surfaces with water.

6.4 Reference to other sections

- Refer to section 8
- Refer to section 13

7. Handling and storage

7.1 Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Avoid breathing mist/vapors/spray.

(Safety treatments)

Avoid contact with skin.

Avoid contact with eyes.

Safety Measures

Use only outdoors or in a well-ventilated area.

Use personal protective equipment as required.

Any incompatibilities data is not available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

7.2 Storage

Conditions for safe storage

Store in a well-ventilated place. Keep container tightly closed.

Keep cool. Protect from sunlight.

Storage temperature upper limit: 40°C

(Incompatible storage condition)

Avoid high temperatures.

Container and packaging materials for safe handling data is not available.

7.3 Specific end use(s)

Gas leak detection

8. Exposure controls/personal protection

8.1 Control parameters

Adopted value

Adopted value in ACGIH is not available.

EU OEL value is not available.

8.2 Exposure controls

Appropriate engineering controls

Do not use in areas without adequate ventilation.

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures

Respiratory protection

No particular required.

Hand protection

Wear protective gloves. Recommended material(s): impermeable or chemical resistant rubber

Eye protection

Wear safety glasses with side-shields or chemical safety goggle.

Skin and body protection

Wear protective clothing.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Color: Pale red

Odor: Characteristic odor

Odor threshold data is not available.

Melting point/Freezing point data is not available.

Boiling point or initial boiling point data is not available.

Boiling range data is not available.

Flammability (gases, liquids and solids): Non-flammable

Lower and upper explosion limit/flammability limit data is not available.

Flash point: Non-flammable

Auto-ignition temperature data is not available.

Decomposition temperature data is not available.

pH: 6.5 – 7.5

Kinematic viscosity data is not available.

Solubility:

Solubility in water: Miscible

Solubility in solvent data is not available.

n-Octanol/water partition coefficient data is not available.

Vapor pressure data is not available.

Evaporation rate data is not available.

Density and/or relative density: 1.1

Relative vapor density (Air=1) data is not available.

Particle characteristics: Not applicable

9.2 Other information

Other information is not available.

10. Stability and Reactivity

10.1 Reactivity

Reactivity data is not available.

10.2 Chemical stability

Stable under normal storage/handling conditions.

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions data is not available.

10.4 Conditions to avoid

Avoid high temperatures.

10.5 Incompatible materials

Incompatible materials data is not available.

10.6 Hazardous decomposition products

Hazardous decomposition products data is not available.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity data is not available.

Irritant properties

Skin corrosion/irritation data is not available.

Serious eye damage/irritation data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenicity

(Polyvinyl pyrrolidone)

IARC-Gr.3 : Not Classifiable as a Human Carcinogen

Reproductive toxicity data is not available.

STOT

STOT-single exposure data is not available.

STOT-repeated exposure data is not available.

Aspiration hazard data is not available.

11.2 Information on other hazards

Endocrine disrupting properties is not available.

12. Ecological Information

12.1 Ecotoxicity

Ecotoxicity data is not available.

Water solubility

(Anionic surfactant)

20 g/100 ml (25°C) (ICSC, 1997)

12.2 Persistence and degradability

(Anionic surfactant)

May rapidly degrade, simulation from Sodium p-n-dodecyl benzenesulfonate BOD Degradation: 73%
(Registered chemicals data check & review)

12.3 Bioaccumulative potential

(Anionic surfactant)

log Pow=1.96 (PHYSPROP DB, 2005)

12.4 Mobility in soil

Mobility in soil data is not available.

12.5 Results of PBT and vPvB assessment

PBT and/or vPvB assessment data is not available.

12.6 Endocrine disrupting properties

Endocrine disrupting properties is not available.

12.7 Other adverse effects

Ozone depleting chemical data is not available.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Dispose to an authorized waste collection point.

Do not dump into sewers, on the ground or into any body of water.

Contaminated packing

Dispose of container after using the contents completely.

14. Transport Information

UN No., UN CLASS

14.1 UN No. or ID No.: Not applicable

14.2 UN Proper Shipping Name : Not applicable

14.3 Class or division (Transport hazard class) : Not applicable

14.4 Packing group : Not applicable

Not applicable to IMDG Code

Not applicable to IATA Dangerous Goods Regulations

14.5 Environmental hazards

MARPOL Annex III – Prevention of pollution by harmful substances

Marine pollutants (yes/no) : no

14.6 Special precautions for user

Special precautions for user is not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Noxious Liquid ; Cat. Y

Anionic surfactant(Y-061)

15. Regulatory Information

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

The product does not contain any ingredients listed in REACH SVHC candidate list.

Other information is not available.

Other regulatory information

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

15.2 Chemical safety assessment

Advice on safe handling for this product can be found in sections 7 and 8 of this SDS.

16. Other information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (62nd Edition) 2021

EU REGULATION (EC) No. 1272/2008 (CLP), amended by COMMISSION REGULATION (EU) 2019/521

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2021 TLVs and BEIs. (ACGIH)

Supplier's data/information

GESTIS-Stoffdatenbank

Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

This data sheet was created based on the information we currently have and may be revised

according to new information. In addition, the precautions apply only to normal handling, and

in the case of special handling, please make adequate countermeasure to maintain your safety.

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 14.11.2020).