

Safety Data Sheet

扫码联系

产品经理:



Prepared : Jan / 27 / 2021

Revised :

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

1.1. Product identifier

Product name : MICRO•FLAT CJ-81M

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

: Paint additives

1.3. Details of the supplier of the Safety Data Sheet

Name of manufacturer in Japan : KOYOKAGAKU CO.,LTD.
 Address : 23 Kawarai-cho Kuki-shi Saitama-Ken, ZIP346-0028 JAPAN
 Phone : +81-480-23-0411
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 E-mail : koyo@koyokagaku.co.jp

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Serious eye damage / eye irritation : Category 2
 Specific Target Organ Toxicity (Single Exposure) : Category3 (may cause respiratory irritation, respiratory irritation)

※ These categories are based on the data published by NITE.

2.2. Label elements

In according to Regulation (EC) No 1272/2008

【Hazard pictograms】



【Signal word】 : **Warning**

【Hazard statements】 :

H320 : Causes eye irritation.
 H335 : May cause respiratory irritation.
 H336 : May cause drowsiness, dizziness.

【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.
 P304+P340 : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
 P312 : Call a doctor if you feel unwell.
 P305+P351+P338 : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 : If eye irritation persists: Get medical advice/attention.
 : IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 : IF SWALLOWED: Rinse his/her mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If irritation occurs: Get medical advice/attention.
 P403+P233 : Store in a well-ventilated place. Keep container tightly closed, cool.

- P405 : May causes damage to organs (blood, respiratory organs, the central nervous system, skin) through prolonged or repeated exposure
 : Dispose contents/container in accordance with your local/regional/national/international regulations.

【Supplemental Hazard Statements(EUH)】

: None

2.3 Other hazards

Results of PBT and vPvB assessment

- PBT : Not applicable.
 vPvB : Not applicable.

3. Composition/information on ingredients

3.2. Mixtures

Information on ingredients:

Component	CAS No.	EINECS	wt%	Hazard statements (CLP Classification)
Water	7732-18-5	231-791-2	61.4	—
Paraffin waxes	8002-74-2	232-315-6	13.7	—
PTFE (Polytetrafluoroethylene)	Withheld	Present	15.6	—
others (Stable agent, Deforming agent, etc.)	Withheld	Present	9.3	—

*Full texts of relevant hazard statements and risk phrases can be seen in SECTION 16 of this SDS.

4. First-aid measures

4.1. Description of first aid measures

IF INHALED:

Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair):

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, get medical advice/attention.

IF IN EYES:

If a contact lens is in place, remove it and flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation occurs, get medical advice/attention.

IF SWALLOWED:

Rinse his/her mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

5. Firefighting measures

5.1. Extinguishing media

Suitable Fire-extinguishing agents

Foam (alcohol-resistant foam), powder, and, carbon dioxide are effective fire-extinguishing agents.

5.3. Advice for firefighter

Suitable Fire-extinguishing methods

Not flammable as mixture, but non-volatile matter after the water evaporated is flammable.

If the container(s) catch the fire, cut the fuel supply and extinguish the fire using a fire-extinguishing agent.

As you work, position yourself on the windward side.

6. Accidental release measures

6.1. Personal precautions,protective equipment and emergency procedures

You should put on protective equipment (i.e., respiratory apparatus, chemical protection suits, gloves, boots, goggles, mask, etc.) as needed to avoid inhaling and/or contacting the chemical substance in question.

6.2. Environmental precautions

The chemical substance in question should not be released into the environment (water, soil).

6.3. Methods and materials for containment and cleaning up

If liquid leaks, it is necessary to contain it with sand, cover it with a vinyl sheet, and then recover it while preventing the generation of vapor.

If liquid has spilled, it should be skimmed or recovered through the application of an appropriate absorbent while preventing it from spreading.

Dispose of container and unused contents in accordance with international, federal, state and local

6.4. Reference to other sections

Refer to "8. Exposure controls/personal protection " and "13. Disposal consideration" as appropriate.

7. Handling and storage

7.1. Precautions for safe handling

[Engineering measures]

You should put on protective equipment (i.e., goggles, dust-mask, etc.).

[Caution]

It is desirable to provide a direct vent system, ventilation, and explosion-protection electric facilities.

After handling the chemical substance, wash your hands and face thoroughly. If the chemical substance adheres to your work outfit, change into a different one.

7.2. Conditions for safe storage, including any incompatibilities

The storage place should be kept tidy and well organized.

Store in a well ventilated, cool and dark place.

Store locked up.

8. Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits:

Component	ACGIH TLV-TWA
Paraffin waxes	2 mg/m ³ (as fumes)
Stable agent	10 mg/m ³ (Total dust)
Deforming agent	5 mg/m ³ (as mist)

8.2. Exposure controls

Appropriate engineering controls:

It is desirable to provide a direct vent system, ventilation, and explosion-protection electric facilities.

Provide a safe shower, a washbasin, and an eye-washing facility near the chemical substance-handling place with clear indication of their locations.

Individual protection measures, such as personal protective equipment:

Use the following protective equipment as needed:

A full-facepiece respirator with organic vapor cartridge, chemical safety goggles, impermeable protective gloves, protective shoes, protective suit that conduct electrostatic.

The protective equipment should be checked periodically using a protective equipment checklist.

There should be no eating, drinking, or smoking during work. Wash your hands using soap after handling the chemical substance.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	White cloudy liquid
Odor	None
pH	8 ~ 10
Melting point (reference)	No information
Boiling point	No information
Flash point	Not applicable
Ignition point	Not applicable
Explosive limit	No information
Vapor pressure (reference)	No information
Vapor density (reference)	No information
Relatively density	0.98(25°C)(representative value)
Solubility (reference)	Soluble in water

9.2. Other information

No information available

10. Stability and reactivity

10.1. Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under ordinary conditions of use and storage.

10.3. Possibility of hazardous reactions

No information.

10.4 Conditions to avoid

No information.

10.5 Incompatible materials

No information.

10.6. Hazardous decomposition products

No information.

11. Toxicological information

11.1. Information on toxicological effects

Information on product: Not available.

Information on ingredients:

Component	Acute Tox. (Oral) LD ₅₀	Acute Tox. (Dermal) LD ₅₀	Acute Tox. (Vapors) LD ₅₀	Acute Tox. (Mist) LD ₅₀	Skin Corr./Irrit.	Eye Dam./Irrit.
Paraffin waxes	>5000mg/kg -rat	>3600mg/kg -rabbit	Classification not possible	Classification not possible	Not classified -rabbit	Category 2 -rabbit
Stable agent	>2000mg/kg -rat	>2000mg/kg -rabbit	Classification not possible	5800mg/L/4H -rat	Classification not possible	Classification not possible
Deforming agent	>2000mg/kg -rat	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 2

Component	Resp. or Skin Sens.	Germ cell mutagenicity	Carc.	Repr. Tox.	Asp. hazard
Paraffin waxes	Classification not possible	Classification not possible	Classification not possible -rat,rabbit,mouse	Classification not possible	Classification not possible
Stable agent	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
Deforming agent	Classification not possible	Category 2	Classification not possible	Classification not possible	Classification not possible

Component	Specific target organ systemic toxicity (Single Exposure)	Specific target organ systemic toxicity (Repeated Exposure)
Paraffin waxes	Category 3(may cause respiratory irritation) -human	Classification not possible -rat
Stable agent	Classification not possible	Classification not possible
Deforming agent	Classification not possible	Category 1(skin)

12. Ecological information

12.1. Toxicity

Information on product: Not available.

Information on ingredients:

Acute toxicity Oryzias latipes(Fish) 48h LC₅₀ = 1500mg/L (Deforming agent)

12.2. Persistence and degradability

Information on product: Not available.

Information on ingredients:

Biodegradation:

Slow biodegradable(Degradability; <25% by OECD301D-after 5 days) (Stable agent)

BOD 45,000mg/L COD 620,000mg/L (Deforming agent)

12.3. Bioaccumulative potential

Information on product: Not available.

Information on ingredients: Not available.

12.4. Mobility in soil

Information on product: Not available.

Information on ingredients: Not available.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT/vPvB.

12.6. Other adverse effects

No information.

13. Disposal considerations

13.1. Waste treatment methods

Dispose (waste oil, wastewater, sludge and waste-container)

Dispose of container and unused contents in accordance with international, federal, state and local requirements/regulations.

Consign disposing to a licensed waste disposer, and notice them the hazard / toxicity of contents.

Waste containing

Empty containers should be disposed of after completely removing their contents.

14. Transport information

SEA(IMDG Code)

14.1. UN-Number Not Regulated.

14.2. UN proper shipping name Not Regulated.

14.3. Transport hazard class(es) Not Regulated.

14.4. Packing group Not Regulated.

14.5. Environmental hazards: Marine pollutant : No

14.6. Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

15. Regulatory information

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

The product and its ingredients are not regulated by specific provisions related to protection of human health or the environment at EU level, e.g. not considered as SVHCs or POPs.

Inventory

Component	CAS No.	METI No. (ENCS)	EINECS	TSCA	China	Korea
Water	7732-18-5		231-791-2	Present	Present	KE-35400
Paraffin waxes	8002-74-2	Withheld	232-315-6	Present	Present	KE-27782
Waxes	Withheld	Withheld	Present	Present	Present	Present
Stable agent	Withheld	Withheld	Present / Polymer	Present	Present	No information
Deforming agent	Withheld	Withheld	Present	Present	Present	Withheld

Other regulations

Contact your national regulation officer.

16. Other information

Abbreviations and acronyms

ACGIH	:	American Conference of Governmental Industrial Hygienists
BCF	:	Bioconcentration Factor
BOD	:	Biochemical Oxygen Demand
CLP	:	Classification, Labelling and Packaging of substances and mixtures
EC ₅₀	:	50% Effective Concentration
HSE	:	Health and Safety Executive
IARC	:	International Agency for Research on Cancer
JSOH	:	The Japan Society for Occupational Health
LC ₅₀	:	50% Lethal Concentration
OEL	:	Occupational Exposure Limit
PBT	:	Persistent, Bioaccumulative and Toxic
TLV	:	Threshold Limit Value
TWA	:	Time Weighted Average
vPvB	:	Very Persisted and Very Bioaccumulative
WEL	:	Workplace Exposure Level

References

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