

Safety Data Sheet

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

1.1 Product identifier

Product Name : CHRONO CHARDY G
EC No. : See Section 3
REACH Registration No. : See Section 3
CAS No. : See Section 3

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

Relevant identified uses : Ingredient for cosmetic etc.
Uses advised against : There is no information.

1.3 Details of the supplier of the safety data sheet

Manufacturer : ICHIMARU PHARCOS CO.,LTD.
Address : 318-1 Asagi, Motosu-shi, Gifu 501-0475 JAPAN
Telephone number : (81) 58-320-1032
Fax number : (81) 58-320-1039
E-mail address of competent person responsible for the SDS : info@ichimaru.co.jp

1.4 Emergency telephone number

Emergency telephone number : (81) 58-320-1032 (9:00 — 17:00 Japan time)
Emergency fax number : (81) 58-320-1039 (9:00 — 17:00 Japan time)
Emergency telephone number for France : +33 1 45 42 59 59 (ORFILA)

2. Hazards identification

2.1 Classification of the substance or mixture

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

Flammable liquids : Not classified
Acute toxicity (Oral) : Not classified
Acute toxicity (Dermal) : Not classified
Skin corrosion / irritation : Not classified
Serious eye damage / eye irritation : Category 2, H319

2.2 Label elements

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

Hazard pictogram :



Signal Word : Warning
Hazard Statement : H319: Causes serious eye irritation.
Precautionary statements : **【Prevention】**
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
【Response】
P305+P351+P338: IF IN EYES: 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.

2.3 Other hazards

Substance or mixture meets the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII : NA

3. Composition/information on ingredients

Substance / Mixture : Mixture

CAS No.	EC No.	REACH Registration No.	% [weight]	Name	Classification according to Regulation (EC) No 1272/2008
56-81-5	200-289-5	There is no information.	70	1,2,3- Propanetriol	None
7732-18-5	231-791-2	There is no information.	26	Water	None
85594-37-2	287-896-9	There is no information.	4	Grape, ext.	None

4. First aid measures

4.1 Description of first aid measures

- Inhalation : Remove the victim from the contamination area immediately to fresh air. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible, if necessary.
- Skin Contact : Wash the affected area under running water using a mild soap. If irritation persists, arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
- Eye Contact : Gently rinses the affected eyes, including under the eyelids, with clean water for at least 15 minutes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
- Ingestion : Rinse mouth with water. If the victim is responsive, give the person one or two glasses of water, try to get the victim to vomit by having the victim touch the back of their throat with a finger. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
- Self-protection of the first aider : Wear proper protective equipment as appropriate. (see Section 8).

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation : There is no information.
- Skin Contact : There is no information.
- Eye Contact : There is no information.
- Ingestion : There is no information.

4.3 Indication of any immediate medical attention and special treatment needed

- : There is no information.

5. Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : In case of fire, use water spray, foam, dry chemical powder, dry sand or carbon dioxide.
- Unsuitable extinguishing media : There is no information.

5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products : There is no information.

5.3 Advice for firefighters

- : Firefighters should wear proper protective equipment. Keep personnel removed from and upwind of fire. Move container from fire areas if it can be done without risk. Apply water from a safe distance to cool and protect surrounding area.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- : Wear proper protective equipment (see Section 8). Evacuate non essential personnel. Eliminate all sources of ignition and ventilate the area.

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- 6.2 Environmental precautions : Treat using the best available techniques before discharging into drains or the aquatic environment.
- 6.3 Methods and material for containment and cleaning up : Absorb spill with inert material (e.g., dry sand, sawdust or dustcloth), then place in a chemical waste container. Flush residual spill area with copious amounts of water. For large spills, dike for later disposal.
- 6.4 Reference to other sections : If appropriate Sections 8 and 13 shall be referred to.
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7. Handling and storage

- 7.1 Precautions for safe handling
- Protective measures : Use in the well-ventilated areas. Shut off all pilot burner and electrical (spark or hot wire) igniters and other sources of ignition during use and until all odors are gone. Protect against physical damage, do not drop onto, or slide across sharp objects
- 7.2 Conditions for safe storage, including any incompatibilities
- Technical measures and storage conditions : Store in a dry, ventilated location. Keep away from high temperature and sun light, store in the closed containers.
- 7.3 Specific end use(s)
- Recommendations : There is no information.
- Industry sector specific solutions : There is no information.
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8. Exposure controls/personal protection

- 8.1 Control parameters
- Occupational exposure limit values : There is no information.
- 8.2 Exposure controls
- Appropriate engineering controls : Good general ventilation should be sufficient for most conditions.
- Personal protection equipment
- Eye and face protection : Wear safety glasses, safety goggle, face shield.
- Skin Protection : To prevent any contact, wear impervious clothing such as gloves, apron, boots or wholebody suits, as appropriate.
- Respiratory Protection : Wear chemical cartridge respirator with an ethanol vapor cartridge, if necessary.
- Environmental exposure controls : There is no information.
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9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Appearance (physical state, color etc) : Yellowish brown to brown liquid
- Odor : Slightly characteristic odor
- pH : Not performed
- Flash point : >93°C / 200° F Tag Closed Cup (limit of detection) / Non-flammable
- Specific Gravity d20/20 : Not performed
- Solubility in Water : Very soluble
- Auto-ignition temperature : Not performed
- 9.2 Other information : There is no information.
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10. Stability and Reactivity

- 10.1 Reactivity : There is no information.
- 10.2 Chemical stability : This product is considered a stable material under normal and anticipated storage and handling conditions.
- 10.3 Possibility of hazardous reactions : There is no information.
- 10.4 Conditions to avoid : There is no information.
- 10.5 Incompatible materials : There is no information.
- 10.6 Hazardous decomposition products : This product will not produce hazardous decomposition.
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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity	: 【The information related to 1,2,3-Propanetriol】 Oral Mouse LD50 32,224mg/kg Oral Rat LD50 27,500mg/kg Oral Rabbit LD50 26,460mg/kg Oral Guinea pig LD50 7,750mg/kg Dermal Mouse LD50 12,600mg/kg Dermal Rat LD50 20,160mg/kg Dermal Guinea pig LD100 15,750mg/kg
Skin corrosion / irritation	: 【The information related to 1,2,3-Propanetriol】 Rabbit 500mg/24h MILD
Serious eye damage / eye irritation	: 【The information related to 1,2,3-Propanetriol】 Rabbit 126mg MILD
Respiratory or skin sensitization	: There is no information.
Germ cell mutagenicity	: There is no information.
Carcinogenicity	: There is no information.
Reproductive toxicity	: There is no information.
Specific target organ toxicity – single exposure	: There is no information.
Specific target organ toxicity – repeated exposure	: There is no information.
Aspiration hazard	: There is no information.

【We show the toxicological information of this product as follows】

Single Dose Toxicity	: Not Performed
Primary Skin Irritation	: Not Performed
Cumulative Skin Irritation	: Not Performed
Skin Sensitization (RIPT)	: Non irritant, non allergic (Undiluted, Humans)
Phototoxicity	: Not Performed
Photosensitization	: Not Performed
Ocular Irritation	: Not Performed
Single Dose Toxicity (Alternative method)	: Not Performed
Primary Skin Irritation (Alternative method, *)	: Non irritant
Cumulative Skin Irritation (Alternative method)	: Not Performed
Skin Sensitization (Alternative method)	: Not Performed
Phototoxicity (Alternative method, *)	: Non phototoxic
Photosensitization (Alternative method)	: Not Performed
Ocular Irritation (Alternative method, *)	: No Category
Mutagenicity (Reverse mutation)	: Reverse mutation was negative.
Mutagenicity (Chromosomal aberration)	: Not Performed
Human Patch Test	:

Dosing Concentration						
	–	±	+	++	+++	++++
24 hours						
48 hours						

*: The studies were conducted according to the following method.
Primary Skin Irritation (In Vitro Skin Irritation): Human reconstructed epidermis (SkinEthic model) (OECD 439)
Photo Toxicity: In Vitro 3T3 NRU Phototoxicity Test (OECD 432)
Ocular Irritation: Bovine Corneal Opacity and Permeability Test (BCOP-OECD)

12. Ecological information

12.1 Toxicity : There is no information.

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- 12.2 Persistence and degradability : **【The information related to 1,2,3-Propanetriol】**
Biodegradation rate(14-day) 63%(BOD), 94%(TOC), 100%(GLC)
- 12.3 Bioaccumulative potential : There is no information.
- 12.4 Mobility in soil : There is no information.
- 12.5 Results of PBT and vPvB assessment : There is no information.
- 12.6 Other adverse effects : There is no information.
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13. Disposal considerations

- 13.1 Waste treatment methods : Comply with all EU, national and local regulations.
Do not dump this product material into sewers, on the ground or into any body of water.
Treat using the best available techniques before discharging into drains or the aquatic environment.
Follow all regulations in your country.
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14. Transport information

- 14.1 UN Number : NA
- 14.2 UN Proper shipping name : NA
- 14.3 Transport hazard class(es) : NA
- 14.4 Packing group : NA
- 14.5 Environmental hazards : There is no information.
- 14.6 Special precautions for user : See Section 8
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : NA
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15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- 1907/2006/EC (REACH) : Please contact our sales staff if you need the information.
- France : No classification ICPE
- 15.2 Chemical safety assessment : There is no information.
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16. Other information

- Procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP] : Flammable Liquids: On basis of test data
Other classification: Generic concentration limits
- The text of H-statements : H319: Causes serious eye irritation.
- References : Supplier's Safety Data Sheet etc.
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