MATERIAL SAFETY DATA SHEET

G-RUN ISOMERIC® ESTER ODM

河北广润科技有限公司
GUANGRUN TECHNOLOGY

Section 1: Chemical Product and Company Identification

Trade Name:	G-RUN ISOMERIC® ESTER ODM
Product Name:	OCTYLDODECYL MYRISTATE
Supplier:	HEBEI GUANGRUN TECHNOLOGY CO.,LTD
Address:	Industrial Agglomeration Zone, East District, Dacaozhuang Management Area, Xingtai City, Hebei Province, China.
Telephone:	+86 15933116876

Recommended use of the chemical and restrictions on use: Industrial and scientific research use

Section 2: Composition / Information on Ingredient

Components	CAS No.	EC number
2-Octyldodecyl myristate	22766-83-2	245-205-8

Section 3: Hazards Identification

GHS CLASSIFICATION

PHYSICAL AND CHEMICAL HAZARDS	Not classified
HEALTH HAZARDS	
Acute toxicity(Oral)	Not classified
Acute toxicity(Dermal)	Not classified
Acute toxicity(Inhalation)	Not applicable(Vapours)
Skin corrosion/Irritation	Not classified
Serious eye damage/Eye irritation	Not classified
Respiratory sensitization	Classification not possible
Skin sensitization	Classification not possible
Germ cell mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Specific target organ toxicity	
- Single exposure	Classification not possible
- Repeated exposure	Classification not possible
Aspiration hazard	Classification not possible
ENVIROMENTAL HAZARDS	
Hazardous to the aquatic environment	
- Acute hazard	Not classified
- Long-term hazard	Not classified

- Hazardous to the ozone layer	Classification not possible

GHS LABEL ELEMENTS

Pictograms or symbols	Not applicable
Signal word	Not applicable
Hazard Statements	Not applicable
PRECAUTIONARY STATEMENTS	
Prevention	Wash thoroughly after handling.If needed, use personal protective equipment as required.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, If present and easy to do. Continue rinsing. IF ON SKIN: Gently wash with plenty of water and soap. Call a POISON CENTER or doctor if you feel unwell.
Storage disposal	Store in well-ventilated place
Safe handling advice	This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogeneous liquid

Section 4: First Aid Measures

Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin	Gently wash with plenty of soap and water.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Ingestion	Call a POISON CENTER or doctor if you feel unwell.

Section 5: Fire Fighting Measures

Extinguishing media	Powder, alcohol-resistant foam, carbon dioxide, sand
Not suitable extinguishing media	No information available
Specific hazards	No information available
Specific methods	Keep away from sources of ignition and use appropriate extinguishing media.Fight fire from upwind position if possible.
Protection of fire fighters	Use goggles in combination with dust mask, and other protections as appropriate to situation.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedure	Use goggles and protective gloves.Large spills : Remove person to safety. Ensure adequate ventilation.
Environmental precautions	Do not discharge into the drains, surface waters or ground water directly.
Methods for cleaning up	Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.
Prevention of secondary hazards	Keep away from sources of ignition and prepare extinguishing media.

Section 7: Handling and Storage

HANDLING	
Technical measures	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Precautions	Keep away from source of ignition.This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogeneous liquid.
Safe Handling advice	Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required.
STORAGE	
Suitable Storage conditions	Store container tightly closed in well-ventilated place. Keep away from source of ignition.
Safe packaging materials	No information available

Section 8: Exposure Control/Personal Protection

ENGINEERING MEASURES	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.
LIMIT VALUES	
Acgih(TLV)	Not established
Osha(PEL)	Not established
PERSONAL PROTECTIVE EQUIPMENT	
Respiratory protection	Use as appropriate to situation.

Hand protection	Rubber gloves
Eye protection	Safety glasses
Skin and body protection	Full-body suit
HYGIENE MEASURES	No information available

Section 9: Physical and Chemical Properties

APPEARANCE	
Physical State	Liquid
Colour	Colorless clear
ODOUR	Slightly characteristic odour
PH	No data available
SPECIFIC TEMPERATURES / TEMPERATURE RANGES AT WHICH CHANGES IN PHYSICAL STATE OCCUR	
Boiling point	No information available
Melting point	-7 °C (19.4 °F)
Flash point	253 °C (487.4 °F)
FLAMMABILITY OR EXPLOSIVE PROPERTIES	
Flammability or explosive limits	UPPER LIMIT : No information available LOWER LIMIT : No information available
VAPOUR PRESSURE	No information available
VAPOUR DENSITY	No information available
DENSITY (SPECIFIC GRAVITY)	0.8477 g/mL (30 °C) (86°F) 0.8348 g/mL (50 °C) (122°F) 0.8218 g/mL (70 °C) (158°F)
SOLUBILITY	
Water solubility	Insoluble
Solvent solubility	Poor soluble in lower alcohol. Soluble in hexane
PARTITION COEFFICIENT: n OCTANOL / WATER (log Pow)	No information available
AUTO-IGNITION TEMPERATURE	No information available
DECOMPOSITION TEMPERATURE	No information available
ODOUR THRESHOLD	No information available
EVAPORATION RATE	No information available
FLAMMABILITY (SOLID,GAS)	No information available

VISCOSITY	22.5 mPa.s (30 ℃) (86℉)
	11.4 mPa.s (50 ℃) (122℉)
	5 mPa.s (70 ℃) (158℉)
OTHER DATA	No information available

Section 10: Stability and Reactivity

Chemical stability	No information available
Possibility of hazardous reactions	Low reactivity
Conditions to avoid	No information available
Incompatible materials	No information available
Hazardous decomposition products	No information available
Others	No information available

Section 11: Toxicological Information

ACUTE TOXICITY	
Oral	No information available
Dermal	No information available
Inhalation	No information available
Skin corrosion/irritation	No information available
Serious eye damage.irritation	No information available
Respiratory or skin sensitization respiratory	No information available
Skin	No information available
Mutagenicity(Germ cell mutagenicity)	No information available
Carcinogenicity	No information available
IARC	Not listed
NTP	Not listed
EU	Not listed
OSHA	Not listed
Reproductive toxicity	No information available
Specific target organ toxicity	No information available
-Single exposure	No information available
-Repeated exposure	No information available
-Aspiration hazard	No information available
Other information	No information available

Section 12: Ecological Information

Eco toxicity	Rainbow trout, 96h, LC50 : >0.10 mg/L
Persistence/Degradability	CO2 evolution test (OECD301B) : 97 % (28days)
Mobility in soil	No information available
Bio-accumulative potential	No information available
Other adverse effects	COD(Cr):0.35 g/g

Section 13: Disposal Considerations

Review "HANDLING AND STORAGE (Section 7)"

Dispose of waste in accordance with local,state and federal regulations.

Section 14: Transport Information

Follow all regulations in your country or region

INTERNATIONAL REGULATIONS

UN CLASS / UN NUMBER	Not applicable (IMDG, IATA)
SPECIAL PRECAUTIONS FOR USER	Review "ACCIDENTAL RELEASE MEASURES (Section 6)". Review "HANDLING AND STORAGE (Section 7)". Ensure containers without breakage or leakage. Ensure containers tightly fixed. Follow all regulations in your country or region. Keep away from source of ignition.

Section 15: Regulatory Information

Follow all regulations in your country or region.

INVENTORIES	IECSC(China)	Yes
	ENCS(Japan)	2-2489

TSCA(USA)	Yes
EINECS(EU)	245-205-8
AICS(Australia)	Yes
DSL(Canada)	No
ECL(Korea)	KE-26741
PICCS(Philippines)	No

GUANGRUN Technology is not able to check up the regulatory information in regard to the substances in your country or region,therefore,we request this matter would be filled by your responsibility.

Section 16: Other Information

REFERENCE	-Safety data sheet for chemical products - Part 1: Content and order of sections(ISO 11014-1) -International Chemical Safety Cards(ICSC) (Compiler's Guide)(1994)

This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility