

SAFETY DATA SHEET

FLAVOR: INTAN (E)

according to 1907/2006/EC, Article 31

Date of Issue : 5-Nov-21
Date of Revision : -

1. Substance and Company Identification

Product names	: FLAVOR: INTAN (E)
Applications	: Chemicals for synthesis Heat transfer liquid Cosmetic auxiliary Food additive Anti-moisture agent
Supplier	: PT Ecogreen Oleochemicals Jl. Pelabuhan Kav. 1, Kabil, Batam Island, Indonesia Telp. +62 778 711002 - 006 Fax. +62 778 711007
Emergency telephone	: +62 778 711002 ext. 341

2. Hazards Identification

Classification and labeling according to Regulation (EC) No. 1272/2008

The substance is not classified according to this regulation

3. Composition/Information on Ingredients

CAS number	: 56-81-5
EC number	: 200-289-5

4. First Aid Measures

General information	: No special measures required
After eye contact	: Rinse opened eyes for several minutes under running water. If symptoms persist, consult a doctor
After skin contact	: Generally the product does not irritate the skin. Rinse with water. If skin irritation continues, consult a doctor
After inhalation	: Supply fresh air, consult doctor in case of complaints
After swallowing	: Rinse out mouth and then drink plenty of water. If symptoms persist consult the doctor

5. Firefighting Measures

Suitable extinguishing agents	: Small fire <ul style="list-style-type: none">• Use fire extinguishing methods suitable to surrounding conditions CO₂ powder or water spray Large fire <ul style="list-style-type: none">• Use alcohol resistant foam
Unsuitable extinguishing agent	: Water with full jet
Special hazards arising from the substance or mixture	: Vapors heavier than air Can form explosive gas-air mixtures Formation of toxic gases is possible during heating or in case of fire In case of fire, acrolein can be released

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- Protective equipment : Wear suitable protective clothing in dangerous zone
Wear self-contained respiratory protective device
- Additional information : Cool endangered receptacles with water spray
Collect contaminated fire fighting water separately
It must not enter the sewage system

6. Accidental Release Measures

- Person-related safety precaution : Use respiratory protective device against the effects of fumes/aerosol
- Measures for environmental protection : Dilute with plenty of water
Do not allow to enter sewers/surface or ground water
- Measures for cleaning/collecting : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw-dust)

7. Handling and Storage

Handling

- Safe handling : No special measures required
- Fire and explosion protection : No special measures required

Storage

- Store room and receptacles : Store in dry condition
- Information about storage in one common facility : Not required
- Maximum temperature : 60 °C
- Minimum temperature : 30 °C
- Further information about storage conditions : When storing in tanks ,cover with layer of nitrogen-protective gas
This product is hygroscopic
Store in dry conditions

8. Exposure Controls/Personal Protection

- Additional information about design of technical facilities : No further data; see item 7
- Additional information : The lists valid during the making were used as basis
- Personal protective equipment
- General protective and hygienic measures : The usual precautionary measures are to be adhered to when handling chemicals
- Respiratory protection : Use respiratory protective device against the effects of fumes/aerosol. (Filter A-(P2))
- Protection of hands : Protective gloves
- Eye protection : Safety glasses
- Body protection : Protective work clothing

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9. Physical and Chemical Properties

Form at room temperature	: Viscous liquid
Color	: Colorless
Odor	: Pleasant
Change in condition	
Solidification point, °C	: ca. 17
Melting point, °C	: ca. 18
Boiling point, °C	: ca. 290
Flash point, (PM) °C	: > 199
Flammability	: Inflammable
Vapor pressure at 20 °C, hPa	: < 0.1
Density at 50 °C, g/cm ³	: ca. 1.24
Viscosity, dynamic, at 50 °C, mPa.s	: ca. 245
Solubility	: Fully soluble in water
Auto-ignition temperature, °C	: ca. 400

10. Stability and Reactivity

Conditions to be avoided	: To avoid thermal decomposition do not overheat
Materials to be avoided	: Risk of explosion with: <ul style="list-style-type: none">• halogenes• strong oxidizing agents• peroxi compounds, hydrogen peroxide, perchlorates• nitric acid / conc. sulfuric acid Risk of ignition or formation of inflammable gases or vapours with: <ul style="list-style-type: none">• nitrile• chrom(VI)-oxide• potassium permanganate• halogen oxides• hydrides
Possibility of hazardous reactions	: Exothermic reaction with phosphorus oxides Reacts with peroxides Reacts with strong oxidizing agents
Hazardous decomposition products	: Formation of toxic gases is possible during heating or in case of fire When decomposed may release acrolein
Additional information	: Forms explosive mixtures with air on intense heating

11. Toxicological Information

Acute toxicity:

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LD/LC50 values relevant for classification:		
Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	56750 mg/kg (guinea pig)
Inhalative	LD50	>0.57 ppm (rat)

Primary irritant effect

On the skin	:	No irritating effects
On the eye	:	No irritating effects
Sensitization	:	No sensitizing effect known
Additional toxicological information	:	When used and handled according to specifications, the product does not have any harmful effect due to our experience and the information provided to us

12. Ecological Information

Ecotoxicological effect:

Aquatic toxicity:	
EC50 (static)	>10000 mg/l (algae) >500 mg/l (daphnia)
LC50 (static)	>5000 mg/l (fish)
NOEC (Long term) (static)	2900 mg/l (algae)

Persistence and degradability	:	No further relevant information available
Method	:	OECD 301
Analysing method	:	DOC removal
Degree of elimination	:	>90%
Classification	:	Readily biodegradable
General notes	:	Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system

13. Disposal Consideration

Product		
Recommendation	:	Smaller quantities can be disposed of with household waste
Uncleaned packaging		
Recommendation	:	Disposal must be made according to official regulation
Recommendation cleaning agents	:	Water, if necessary together with cleansing agents

14. Transport Information

General information	:	Not hazardous according to RID/ADR, IMDG,
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ICAO/IATA

15. Regulatory Information

Inventory list

: Listed on:

- TSCA (Toxic Substances Control Act) (US)
- PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- IECSC (Inventory of Existing Chemical Substances in China)
- AICS (Australian Inventory of Chemical Substances)
- ENCS (Existing and New Chemical Substances) (Japan)
- KECI (Korean Existing Chemical Inventory)
- DSL (Canadian Domestic Substances List)
- NZIC (New Zealand Inventory of Chemicals)
- ECSI (Existing Chemical Substances Inventory) (Taiwan)

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16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

- ADR: European Agreement concerning the International Carriage of Dangerous Good by Road
- RID: Regulations concerning the International Transport of Dangerous Good by Rail
- IMDG: International Maritime Code for Dangerous Good
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- CAS: Chemical Abstracts Service
- EC: European Commission
- LC50: Lethal Concentration, 50 percent
- LD50: Lethal Dose, 50 percent