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Safety Data Sheet

1. IDENTIFICATION

Product Identifier	NIKKOL SG-TRIFAT S-308
Supplier	NIKKO CHEMICALS (SINGAPORE) PTE LTD
Address	39 Ayer Merbau Road, Jurong Island Singapore 627718
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2. HAZARDS IDENTIFICATION

GHS classification:

Flammable liquid	Not classified
Acute toxicity:	
Oral	Not classified
Dermal	Classification not possible
Inhalation	Classification not possible
Skin corrosion / irritation	Classification not possible
Serious eye damage / irritation	Classification not possible
Skin sensitization	Classification not possible
Respiratory sensitization	Classification not possible
Germ cell mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible
Specific target organ toxicity (single exposure)	Classification not possible
Specific target organ toxicity (repeated exposure)	Classification not possible
Aspiration Hazard	Classification not possible
Environmental hazards:	
Aquatic toxicity (acute)	Classification not possible
Aquatic toxicity (chronic)	Classification not possible

GHS label elements:

Pictograms	No pictogram
Signal word	

Hazard statements: Not classified

Precautionary statements:

Prevention

Wash thoroughly after handling

Response

IF SWALLOWED: Call a POISON CENTRE or doctor / physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

Store in a closed container.

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents / container in accordance with local / regional / national / international regulations.

Other hazards which do not result in classification

No data

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture	Substance	
Ingredients and Concentration Range:	Concentration (%)	CAS No.
Ingredient (INCI NAME)		
Glyceryl Tri (2-Ethylhexanoate) (Triethylhexanoin)	100	7360-38-5

4. FIRST AID MEASURES

Inhalation:

Remove victim to fresh air.
Respiratory problems: consult a doctor/medical service.

Skin Contact:

Wash thoroughly with soap and water.
Seek medical attention if blistering occurs or redness persists.

Eye Contact:

Flush eye with plenty of water for at least 15 minutes, holding the eye open.
Seek medical attention.

Ingestion:

Rinse out mouth with water. Call Poison Information Center.
Seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable fire-extinguishing media:

AFFF foam. BC powder, Carbon dioxide. Dry sand. Dry chemical powder.
Adapt extinguishing media to the environment.

Extinguishing media which must not be used for safety reasons:

Avoid using large quantities of water.
Solid water jet ineffective as extinguishing medium.

Specific hazards in the event of fire:

DIRECT FIRE HAZARD. Combustible. INDIRECT FIRE HAZARD. Heating increases the fire hazard.
Temperature above flash point: higher fire/explosion hazard.
No direct explosion hazard.
On burning release of (Carbon monoxide – carbon dioxide)

Special protective actions for fire fighters:

Use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency measures:

Wear gloves, safety goggles, protective overalls and safety shoes.
Ensure adequate ventilation.

Environmental precautions:

Prevent soil and water pollution.

Methods and materials for containment and cleaning up:

Clean contaminated surfaces with an excess of water and soap solution. Take up liquid spill into inert absorbent material, e.g.: dry sand/earth/vermiculite or powdered limestone.

7. HANDLING AND STORAGE

Precautions for safe handling:

Handling temperature: $\geq 10^{\circ}\text{C}$ above melting point.

Precautions for rules on packing:

SPECIAL REQUIREMENTS: closing. Correctly labelled. Meet the legal requirements.

Conditions for safe storage, including any incompatibilities:

KEEP SUBSTANCE AWAY FROM: heat sources.
Keep container in a well-ventilated place. Store at ambient temperature.
Keep out of direct sunlight. Meet the legal requirements.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters / Occupational Exposure Limits:

No data

Appropriate engineering control measure:

Provide general or local exhaust ventilation systems to maintain airborne concentrations at its minimal level.
Give good resistance: nitrile rubber.

Individual protection measures, such as personal protective equipment (PPE):

Hand Protection : Suitable protective gloves.
Eyes Protection : Chemical goggles.
Body Protection : Protective overalls and safety shoes/boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Colourless to Pale Yellow
Odour	Faint Characteristic odour
Odour threshold	No data
pH	5 – 8 %
Melting point	No data
Boiling point	> 150°C
Freezing point	No data
Flash point	> 120°C (ASTM D92)
Upper/lower flammability or explosive limits	No data
Evaporation rate	No data
Vapour pressure	No data
Vapour density	No data
Density	0.9 to 1.0
Solubility	No data.
Log Pow	> 5
Self-ignition temperature	> 200 °C
Decomposition temperature	> Flash point
Viscosity	No data
Other properties	Oily. Soluble in oils/fats. Soluble in most organic solvents.

10. STABILITY AND REACTIVITY

Reactivity:

On burning release of (carbon monoxide – carbon dioxide)

Chemical stability:

Stable under normal conditions

Possibility of hazardous reaction:

No additional information available

Conditions to avoid:

No supplementary information available.

Incompatible materials:

No supplementary information available.

Hazardous decomposition products:

No supplementary information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral : LD50, Rat, 5000mg/Kg Non-toxic
Dermal : No data
Inhalation : No data

Skin corrosion / irritation

No data

Serious eye damage / irritation

No data

Respiratory or skin sensitization

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

Specific target organ toxicity

No data

Aspiration hazard

No data

12. ECOLOGICAL INFORMATION

Toxicity

No data

Persistence and degradability

No data

Bioaccumulative potential

Log Pow: > 5

Mobility in soil

No data

Result of PBT and vPvB assessment

No data

Other adverse effect

No data

13. DISPOSAL CONSIDERATIONS

Prevent dispersion by covering with dry absorbent, Scoop solid spill into closing containers, Scoop absorbed substance into closing containers, Clean contaminated surface with an excess of water.

And soap solution, When clothing and equipment after handling.

Do not discharge into drains or the environment. Remove to an authorized waste treatment plant.

Dispose of in accordance with local and national regulations.

Seek advice from local waste authority for guidance.

14. TRANSPORT INFORMATION

ADR / RID / IMDG / IATA / ADN

UN Number	Not applicable
Class	None
Packing group	None
Proper Shipping Name	None
Marine pollutant	No

Special precautions:

Ensure containers without breakage or leakage.

Ensure containers tightly fixed.

Follow all regulations in your country or region.

15. REGULATORY INFORMATION

Chemical Inventory Status:

ENCS (Japan)	2-669
TSCA (USA)	Yes
AICS (Australia)	None
DSL (Canada)	Yes
ECL (Korea)	None
IECSC (China)	Yes
ECST (Taiwan)	Yes
NZIoC (New Zealand)	Yes
PICCS (Philippine)	Yes
EC (European Community)	Yes
EINECS (EU)	230-896-0

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Nikko Chemicals (S) Pte Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.