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Safety Data Sheet

1. IDENTIFICATION

Product Identifier	NIKKOL SG-MG2000
Supplier	NIKKO CHEMICALS (SINGAPORE) PTE LTD
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2. HAZARDS IDENTIFICATION

GHS classification:

Flammable liquid	Not classified
Acute toxicity:	
Oral	Classification not possible
Dermal	Classification not possible
Inhalation	Not classified
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.

Disposal

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

Safe Handling Advice

Refer to MSDS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture	Substance	
Ingredients and Concentration Range:		
Ingredient (INCI NAME)	Concentration (%)	CAS No.
POE (20) Methyl Glucoside (Methyl Gluceth-20)	100	53026-67-8

4. FIRST AID MEASURES

Inhalation:

Take victim to a place of fresh air and keep at rest in a position comfortable for breathing.

Skin Contact:

Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do.

Continue rinsing. Seek medical attention.

Ingestion:

Rinse out mouth with water and provide 1 – 2 cup of water or milk to drink.

Get immediate medical advice/attention.

In the event that the victim is not conscious, do not feed anything through the mouth.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing media:

Use Power, alcohol-resistant foam, and carbon dioxide sand, water spray

Not Suitable Extinguishing media:

No information available

Specific hazards in the event of fire:

During fire, toxic gases (ex, carbon monoxide, nitrogen oxide etc) may be generated.

Avoid inhaling smoke during fire extinguishing.

Special protective actions for fire fighters:

Remove all combustible objects away from the fire and use adequate extinguishing media.

Preferably extinguish the fire from the same direction of the wind. Evacuate personnel not involved in fire extinguishing to safe area. Equipment and machinery in proximity of fire must be sprayed with water to cool. Water used to extinguish a fire should not be allowed to enter the drainage system or water courses.

Special protective actions for fire fighters:

Use goggles in combination with dust mask.

During a fire, toxic gases (ex. Carbon monoxide, nitrogen oxide etc) may be generated.

Avoid inhaling smoke during fire extinguishing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency measures:

Use goggles and protective gloves.

In case of large spills, remove person to safety. Ensure adequate ventilation.

Environmental precautions:

Do not discharge into river or sewer.

Methods and materials for containment and cleaning up:

In case small spill, absorb with liquid-binding material (sand, soil, cloth) and wipe away the remains with cloth or fabric. Flush surroundings with large amounts of water. In case of large spill, surround it with the mound of sand or soil to prevent elution and collect into drums or other containers.

Prevention of Secondary Hazards:

Promptly remove all combustible objects away from the spill and prepare fire extinguishing media. The spill on the floor must be cleaned promptly, otherwise they present a risk of traumatic accident. Avoid walking or stepping on the spills. While cleansing the spill use adequate tools that do not promote sparks of fire.

7. HANDLING AND STORAGE

Precautions for safe handling:

The shower with water (for washing of eyes and body) must be installed near the handling facility.

Keep away from source of ignition.

Use adequate ventilation. Use goggles and protective gloves. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep cool.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters / Occupational Exposure Limits:

Not established

Appropriate engineering control measure:

Exhaust system must be installed in case steam, fume or mist is generated at the operation facility. Shower with water (for washing eyes and body) must be installed near the handling facility.

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

Respiratory Protection	: Not needed in case of standard handling.
Hand Protection	: Impermeable protective gloves.
Eyes Protection	: Goggles or protective glasses with side protectors..
Body Protection	: Work wear with long sleeves.

Hygiene Measures :

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Colorless to light yellow
Odour	Faint Characteristic Odour
Odour threshold	No data
pH	No data
Melting point	No data
Boiling point	No data
Flash point	268°C (ASTM D93)
Upper/lower flammability or explosive limits	No data
Evaporation rate	No data
Vapour pressure	No data
Vapour density	No data
Density / Relative density	No data
Water Solubility	Soluble(10%)
Partition coefficient: n-octanol/water	No data
Flammability (solid, gas)	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data
Molecular mass	No data

10. STABILITY AND REACTIVITY

Reactivity:

Stable under normal conditions

Chemical stability:

Stable is general.

Possibility of hazardous reaction:

Stable is general.

Conditions to avoid:

Stable is general

Incompatible materials:

Stable is general

Hazardous decomposition products:

Carbon monoxide, Nitrogen compound.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral : No data
Dermal : No data
Inhalation (gases, vapors, dust, mist) : No data

Skin corrosion / irritation

Human, 20people, Human Patch, Safety Product

Serious eye damage / irritation

Alternative, HCE method, No irritation

Respiratory or skin sensitization

Human, 50 people, No sensitization

Germ cell mutagenicity

Bacterial reverse mutation, S.typhimurium, E.coli, RIPT methods, 50people, Negative

Carcinogenicity

No available

Reproductive toxicity

No information available.

Specific target organ toxicity

No data

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION

Eco toxicity

No data available

Persistence and degradability

No information available

Bioaccumulative potential

No information available

Mobility in soil

No information available

Other adverse effect

No data

13. DISPOSAL CONSIDERATIONS

Do not wash into drains /sewers / rivers etc.
Dispose of in accordance with local and national regulations.
Seek advice from local waste authority for guidance.

14. TRANSPORT INFORMATION

ADR / RID / IMDG / IATA

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

Special precautions:

Review “section 7” : “Handling and storage”.
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)	7-759
TSCA (USA)	Yes
EINECS (EU)	Yes (Polymer)
AICS (Australia)	Yes
DSL (Canada)	Yes
ECL (Korea)	None
IECSC (China)	Yes

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.
