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	Print Date: 29.07.2026
	SDS Number: R1932926
SUMA GRILL HI-TEMP CLEANER 60064345	Version: 1.1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SUMA GRILL HI-TEMP CLEANER

Product code : 60064345
Company : SOLENIS VIETNAM COMPANY LIMITED
Level 4&5, M-Building, Lot C7B-02A, Block A, No.9 Street 8,
Zone Saigon South New Urban Area, Tan Phu Ward, District 7,
Ho Chi Minh City
Vietnam

E-mail address : HazardCommunication@solenis.com

Telephone : 314996293

Emergency telephone : In case of medical emergency, please seek professional medical advice., (+84) 838 486 634

Use of the Substance/Mixture : Oven/Grill cleaner

Recommended restrictions on use : For industrial use only., For professional use only

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

GHS Classification

Skin corrosion/irritation : Category 3

Serious eye damage/eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H316 Causes mild skin irritation.
H319 Causes serious eye irritation.

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Precautionary Statements : **Response:**
P332 + P313 If skin irritation occurs: Get medical advice/attention.

Other hazards which do not result in classification
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
potassium carbonate	584-08-7	>= 7 -< 10
Fatty acids, C12-18, potassium salts	91032-02-9	>= 1.5 -< 3

4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this material safety data sheet to the doctor in attendance.

If inhaled : Do not leave the victim unattended.
If breathed in, move person into fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.
If on clothes, remove clothes.
Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
Wash contaminated clothing before re-use.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

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If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : Causes mild skin irritation.
Causes serious eye irritation.

Notes to physician : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water spray
Foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Specific extinguishing methods : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Product is compatible with standard fire-fighting agents.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Comply with all applicable federal, state, and local regulations.

Environmental precautions : Prevent further leakage or spillage if safe to do so.

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Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.
Do not smoke.
Container hazardous when empty.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
Keep container tightly closed in a dry and well-ventilated place.

Further information on storage stability : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Undiluted product:

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section. Covering activities such as filling and transfer of product to application equipment, flasks or buckets

Appropriate engineering controls : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Protective measures : No special requirements under normal use conditions

Personal protective equipment

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Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact:

Material: butyl rubber

Penetration time: ≥ 480 min

Material thickness: ≥ 0.7 mm

Suggested gloves for protection against splashes:

Material: nitrile rubber

Penetration time: ≥ 30 min

Material thickness: ≥ 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

Protective measures : No special requirements under normal use conditions

Eye protection : Wear face-shield and protective suit for abnormal processing problems.
Eye wash bottle with pure water
Tightly fitting safety goggles
Safety glasses or goggles (EN 16321)
The use of a full-face shield or other full-face protection is strongly recommended when handling open containers or if splashes may occur

Skin and body protection : Wear as appropriate:
Impervious clothing
Safety shoes
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not smoke.
Wash hands before breaks and at the end of workday.
When using do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance : liquid

Color : blue

Odor : odorless

Odor Threshold : No data available

pH : 11.25

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : not determined

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable to liquids

Flammability (liquids) : Not flammable.

Self-ignition : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : 1.25 g/cm³

Solubility(ies)

 Water solubility : Fully miscible

 Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

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Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : No data available

Particle characteristics

Particle size : No data available

Particle Size Distribution : No data available

10. STABILITY AND REACTIVITY

Reactivity : No reactivity hazards known under normal storage and use conditions

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Stable under recommended storage conditions.
No hazards to be specially mentioned.
Product will not undergo hazardous polymerization.

Conditions to avoid : No data available

Incompatible materials : None known under normal use conditions

Hazardous decomposition products : None known under normal storage and use conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Components:

potassium carbonate:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Acute inhalation toxicity : LC 50 (Rat): > 5 mg/l

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Exposure time: 4.5 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Fatty acids, C12-18, potassium salts:

Acute oral toxicity : LD50 (Rat): 2,001 mg/kg

Skin corrosion/irritation

Causes mild skin irritation.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Components:

potassium carbonate:

Result : Irritating to skin

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks : Causes serious eye irritation.

Components:

potassium carbonate:

Result : Severely irritating to eyes

Fatty acids, C12-18, potassium salts:

Result : Irritating to eyes.

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Components:

potassium carbonate:

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Test Type : Buehler Test
 Species : Guinea pig
 Result : Did not cause sensitization on laboratory animals.

Germ cell mutagenicity

Not classified due to lack of data.

Components:

potassium carbonate:

Genotoxicity in vitro : Remarks: In vitro tests did not show mutagenic effects

Fatty acids, C12-18, potassium salts:

Germ cell mutagenicity - : Weight of evidence does not support classification as a germ
 Assessment cell mutagen.

Carcinogenicity

Not classified due to lack of data.

Components:

Fatty acids, C12-18, potassium salts:

Carcinogenicity - : Not classifiable as a human carcinogen.
 Assessment

Reproductive toxicity

Not classified due to lack of data.

Components:

potassium carbonate:

Effects on fetal development : Test Type: Embryo-fetal development
 Species: Mouse
 Application Route: Oral
 Symptoms: No specific developmental abnormalities.

Fatty acids, C12-18, potassium salts:

Reproductive toxicity - : No toxicity to reproduction
 Assessment

STOT-single exposure

Not classified due to lack of data.

Components:

potassium carbonate:

Assessment : May cause respiratory irritation.

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STOT-repeated exposure

Not classified due to lack of data.

Repeated dose toxicity

Components:

Fatty acids, C12-18, potassium salts:

NOAEL : 1000
Application Route : Oral
Symptoms : No adverse effects.

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

potassium carbonate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 68 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates : NOEC (Water flea (Daphnia pulex)): 120 mg/l
Exposure time: 48 h
Test Type: static test

Persistence and degradability

Components:

potassium carbonate:

Biodegradability : Result: The methods for determining biodegradability are not applicable to inorganic substances.

Fatty acids, C12-18, potassium salts:

Biodegradability : aerobic
Result: Not readily biodegradable.

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Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : Send to a licensed waste management company.
Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
- Dispose of in accordance with local regulations.
- Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Law on Chemicals No. 06/2007/QH12

The ingredients of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: On the inventory, or in compliance with the inventory
DSL	: This product contains one or more components that are not on the Canadian DSL and have annual quantity limits.
ENCS	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Date format : dd.mm.yyyy

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test

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population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet

Key literature references and sources of data

SOLENIS Internal data

SOLENIS internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This SDS has been prepared by the Solenis Environmental Health and Safety Department.

VN / EN