1. IDENTIFICATION
Product identifier
Mixture identification:
Trade name: SILICA DIMETHYL SLYLATE
Other means of identification:

Recommended use of the chemical and restrictions on use
Recommended use: Cosmetic Ingredient
Restrictions on use: Not available

2. HAZARD(S) IDENTIFICATION
This mixture has not been tested as a whole. It contains ingredients which could be released from the mixture in concentrations which would exceed an established OSHA permissible exposure limit or ACGIH Threshold Limit Value, or could present a health risk to employees.

Classification of the chemical

0 The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
Comb. Dust May form combustible dust concentrations in air.

Label elements
The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Symbols:

3. COMPOSITION/INFORMATION ON INGREDIENTS
Substances
Not Available

Mixtures
Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:
None

4. FIRST AID MEASURES
Description of first aid measures
In case of skin contact:
Wash with plenty of water and disinfectant/non-abrasive soap.

In case of eye contact:
Wash immediately with water.

In case of ingestion:
Do not induce vomiting, get medical attention showing the MSDS and label hazardous.

In case of inhalation:
Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed
Not Available

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES
Extinguishing media
Suitable extinguishing media:
Water, CO2, foam, chemical powders, according to the materials involved in the fire.
In case of fire, use foam, dry chemical, CO2.

Unsuitable extinguishing media:
None in particular.

Specific hazards arising from the chemical
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products: Not Available
Explosive properties: Not Available
Oxidising properties: Not Available

Special protective equipment and precautions for fire-fighters
Use suitable breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

Methods and material for containment and cleaning up
Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).
Wash with plenty of water.

7. HANDLING AND STORAGE
Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities
Storage temperature: Not Available
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Control parameters
No Data Available

Appropriate engineering controls: Not Available

Individual protection measures
Eye/face protection:
Not needed for normal use. Anyway, operate according good working practices.

Skin protection:
No special precaution must be adopted for normal use.

Hand protection:
Hand protection:
Not needed for normal use.

Respiratory protection:
Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust.

9. PHYSICAL AND CHEMICAL PROPERTIES
Information on basic physical and chemical properties
Physical State Solid
Appearance: Powder, White
Odour: Characteristic
Odour threshold: Not Available
pH: Not Available
Melting point/ range: Not Available
Boiling point/ range: Not Available
Flash point: Not Available Not Applicable
Evaporation rate: Not Available
Upper/lower flammability or explosive limits: Not Available
Vapour density: Not Available
Vapour pressure: Not Available
Density: Not Available
Water solubility: Insoluble
Lipid solubility: Insoluble
Partition coefficient (n-octanol/water): Not Available
Auto-ignition temperature: Not Available
Decomposition temperature: Not Available
Viscosity: Not Available
Explosive properties: Not Available
Oxidising properties: Not Available
Flammability (Solid, Gas): Not Available

Other information
Substance group relevant properties: Not Available
Miscibility: Not Available
Fat Solubility: Not Available
Conductivity: Not Available

10. STABILITY AND REACTIVITY
Reactivity
Stable under normal conditions.

Chemical stability
Data not Available.

Possibility of hazardous reactions
Burning produces carbon monoxide and/or carbon dioxide.

Conditions to avoid
Stable under normal conditions of temperature and pressure.

Incompatible materials
Avoid strong oxidizing agents, peroxides, acids, alkali metals.

Hazardous decomposition products
Burning produces carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION
Information on toxicological effects
Toxicological information of the product: No Data Available

Substance(s) listed on the IARC Monographs:
None

Substance(s) listed as OSHA Carcinogen(s):
None

Substance(s) listed as NIOSH Carcinogen(s):
12. ECOLOGICAL INFORMATION
Toxicity
Adopt good working practices, so that the product is not released into the environment.
Persistence and degradability
Not Available
Bioaccumulative potential
Not Available
Mobility in soil
Not Available
Other adverse effects
Not Available

13. DISPOSAL CONSIDERATIONS
Waste treatment methods
Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.
Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION
UN number
ADR-UN number: N/A
DOT-UN Number: N/A
IATA-Un number: N/A
IMDG-Un number: N/A

UN proper shipping name
ADR-Shipping Name: N/A
DOT Proper Shipping Name: N/A
IATA-Technical name: N/A
IMDG-Technical name: N/A

Transport hazard class(es)
ADR-Class: N/A
DOT Hazard Class: N/A
IATA-Class: N/A
IMDG-Class: N/A

Packing group
ADR-Packing Group: N/A
Exempted for ADR: N/A
IATA-Packing group: N/A
IMDG-Packing group: N/A

Environmental hazards
Marine pollutant: No
Environmental Pollutant: Not Available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not Available

Special precautions
Department of Transportation (DOT):
DOT-Special Provision(s): N/A
DOT Label(s): N/A
DOT Symbol: N/A
DOT Cargo Aircraft: N/A
DOT Passenger Aircraft: N/A
DOT/TDG Bulk: N/A
DOT Non-Bulk: N/A

Road and Rail (ADR-RID):
ADR-Label: N/A
ADR-Upper number: N/A
15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

no substances listed

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

no substances listed

Section 304 - Hazardous substances:

no substances listed

Section 313 - Toxic chemical list:

no substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

no substances listed

CAA - Clean Air Act

CAA listed substances:

no substances listed

CWA - Clean Water Act

CWA listed substances:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

no substances listed

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
16. OTHER INFORMATION

**Code** | **Description**  
--- | ---  
USH003 | May form combustible dust concentrations in air.

Safety Data Sheet dated: 6/5/2015 - version 1

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

**Legend to abbreviations and acronyms used in the safety data sheet:**

- **ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road
- **RID:** Regulation Concerning the International Transport of Dangerous Goods by Rail
- **IMDG:** International Maritime Code for Dangerous Goods
- **IATA:** International Air Transport Association
- **IATA-DGR:** Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
- **ICAO:** International Civil Aviation Organization
- **ICAO-TI:** Technical Instructions by the "International Civil Aviation Organization" (ICAO)
- **GHS:** Globally Harmonized System of Classification and Labeling of Chemicals
- **CLP:** Classification, Labeling, Packaging
- **EINECS:** European Inventory of Existing Commercial Chemical Substances
- **INCI:** International Nomenclature of Cosmetic Ingredients
- **CAS:** Chemical Abstracts Service (division of the American Chemical Society)
- **GefStoffVO:** Ordnance on Hazardous Substances, Germany
- **LC50:** Lethal concentration, for 50 percent of test population
- **LD50:** Lethal dose, for 50 percent of test population
- **DNEL:** Derived No Effect Level
- **PNEC:** Predicted No Effect Concentration
- **TLV:** Threshold Limiting Value
- **TWATLV:** Threshold Limiting Value for the Time Weighted Average 8 hour day (ACGIH Standard)
- **STEL:** Short Term Exposure limit
- **STOT:** Specific Target Organ Toxicity
- **WGK:** German Water Hazard Class
- **KSt:** Explosion coefficient

y for the damage.