

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: NISH 1047

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NISH 1047

MANUFACTURER: Details

ADDRESS: NISHKA ALLIANCE LLP.
Plot no. 639,100 shed Area, G. I. D. C., Silvassa Road,
Vapi-396195. Gujarat INDIA
Tel no. 02602452556

PRODUCT USE: Cosmetic additive

SECTION 2: HAZARDS IDENTIFICATION**GHS Classification**

Flammable liquid Category 4

GHS Label elements

Signal Word Warning

Hazard Statements Combustible liquid

Precautionary Statements

Prevention

Keep away from heat, hot surfaces, open flames and other ignition No smoking.

Response:

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Chemical Nature: Silicone dispersion

CAS Number	Wt %	Component Name
541-02-6	50.0 - 70.0	Decamethyl Cyclopenta siloxane

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with cool water immediately after contact. Consult physician if irritation persists.

SKIN: No health effects expected. If irritation occurs wash with soap & water.

Oral: If irritation or discomfort occurs, obtain medical advice

INHALATION: Remove from the source of contamination or move to fresh air and contact physician.

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SECTION 5: FIRE-FIGHTING MEASURES

Auto ignition Temperature: Not determined.

Flammability Limits in Air: Not determined.

EXTINGUISHING MEDIA: Dry chemical, Water mist, Foam. Carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides Silicon oxides. Formaldehyde.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Clean up to spillage with cleaning cloths or absorbent paper, precaution is necessary.

Environmental Precaution: Avoid large quantities entering drains or water ways;

Clean Procedure: spillage should be absorbed with cleaning cloth or a absorbent paper towels.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in well ventilated area.

OTHER PRECAUTIONS: Store in original container with cap tightly sealed.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Hand Protection: Use hand Gloves

Eye Protection: wear goggles

Hygiene Measures: Washing at mealtime and end of shift is adequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colourles

PHYSICAL STATE: Liquid

Viscosity: 100 cst.

Flash Point: 124⁰C (closed cup)

DENSITY (g/cc): 0.98

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Oxidizing Properties: No

Auto flammability: NA

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions

Reactivity: Not classified as a reactivity hazard

CONDITIONS TO AVOID: None known

INCOMPATIBILITY (MATERIAL TO AVOID): oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition

Products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide, formaldehyde, benzene.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin: No any adverse effect on skin

Eyes: May cause temporary discomfort, Flush eyes with cool water immediately after contact. Consult physician if irritation persists.

Acute and Chronic: Prolonged excessive exposure may cause serious adverse even Fatal.

Acute inhalation Toxicity : LD50 (Rat):0.5000mg/kg
Remarks: On the basis of test data available.

Acute Dermal Toxicity : LD50 (Rabbit) : > 2000mg/Kg
The Substance or mixture has no acute dermal toxicity.
Remarks: On the basis of test data available.

Skin corrosion/irritation : No any adverse effect on skin

Serious Eye Damage / irritation : May cause slight temporary eye irritation, corneal injury is unlikely, May cause mild eye irritation.

Skin sensitization: Does not cause skin sensitization

Test type: Maximization test

Species: Guinea pig
Result: Negative
Remarks: On the basis of test data available

Genotoxicity in Vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: Negative
Remarks: on the basis of test data Available

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Carcinogenicity: Not classified based on available information.

Reproductive toxicity: Not classified based on available information.

STOT – single exposure: Not classified based on available information.

Teratogenicity: Not classified based on available information

Mutagenicity: Not classified based on available information

Aspiration Hazard: Not classified based on available information

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity:****Decamethylcyclopentasiloxane****Acute toxicity to fish**

Not expected to be acutely toxic to aquatic organisms.

No toxicity at the limit of solubility

LC50, Oncorhynchus mykiss (rainbow trout), 96 Hour, > 16 µg/l, OECD Test Guideline 204 or Equivalent

Acute toxicity to aquatic invertebrates

No toxicity at the limit of solubility

EC50, Daphnia magna, 48 Hour, > 2.9 mg/l, OECD Test Guideline 202 or Equivalent

Acute toxicity to algae/aquatic plants

No toxicity at the limit of solubility

ErC50, Pseudokirchneriella subcapitata (green algae), 96 Hour, Growth rate, > 0.012 mg/l

No toxicity at the limit of solubility

NOEC, Pseudokirchneriella subcapitata (green algae), 96 Hour, Growth rate, 0.012 mg/l

Chronic toxicity to fish

No toxicity at the limit of solubility

LC50, Oncorhynchus mykiss (rainbow trout), 14 d, > 16 mg/l

No toxicity at the limit of solubility

NOEC, Oncorhynchus mykiss (rainbow trout), 45 d, >= 0.017 mg/l

No toxicity at the limit of solubility

NOEC, Oncorhynchus mykiss (rainbow trout), 90 d, >= 0.014 mg/l

Persistence and degradability**Decamethylcyclopentasiloxane**

Biodegradability: Material is expected to biodegrade very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability.

10-day Window: Not applicable

Biodegradation: 0.14 %

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Exposure time: 28 d**Method:** OECD Test Guideline 310**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state & federal regulations.

SECTION 14: TRANSPORT INFORMATION**International Regulation****UNRTDG**

Not regulated as dangerous good

IATA-DGR

Not regulated as dangerous good

IMDG-Code

Not regulated as dangerous good

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA

NZIoC: All ingredients listed or exempt.

REACH: All ingredients listed or exempt.

TCSI: All ingredients listed or exempt.

SECTION 16: OTHER INFORMATION DATA

The information and data contained in this 'Material Safety Data Sheet' are based on our present state of scientific and technical knowledge. NISHKA ALLIANCE LLP Does not guarantee the properties of the described products in terms of legal warranty regulations. The physical data presented herein does not Support to be the specifications The information provided relates only to the specific material identified at the top of this MSDS and may not be valid when the MSDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the MSDS material in the user's end product, if applicable.