

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: DIMETHICONE 3CST

DIMETHICONE 3CST**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: DIMETHICONE 3CST

PRODUCT CODE: NISH 3CST

MANUFACTURER: Details

NISHKA ALLIANCE LLP.

Plot no.639, 100 Shed Area, Silvassa Road

G.I.D.C VAPI -396195 GUJARAT.

PRODUCT USE: Cleaning/washing agents and additives Solvent
Process regulators, other than polymerization or vulcanization processes
Cosmetics Intermediate

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Wt %	Component Name
141-63-9	15.0 - 25.0	Dodecamethylpentasiloxane
107-52-8	22.0 - 45.0	Tetradecamethylhexasiloxane
541-01-5	20.0 - 30.0	Hexadecamethylheptasiloxane
556-69-4	5.0 – 10.0	Octadecamethyl octasiloxane

SECTION 3: HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS**

Eye: Direct contact may cause temporary redness and discomfort.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: No significant effects expected from a single short-term exposure.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.

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Inhalation: No known applicable information.

Oral: No known applicable information.

SECTION 4: FIRST AID MEASURES

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

SKIN: Wash hands with soap & water if irritation occurs.

INGESTION: If ingested drink 8 oz of water or milk and contact physician.

INHALATION: Note applicable

SECTION 5: FIRE-FIGHTING MEASURES

FLASHPOINT: 85°C 185 °F) Method: Closed Cup

BOILING POINT: 229°C (442.2 °F)

EXTINGUISHING MEDIA: Water mist, Foam, carbon dioxide, dry chemical.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxide, silicone oxide, Formaldehyde.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Clean up to spillage with cleaning cloths or absorbent paper, precaution are 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: Keep cool and dry place. No unusual precautions are required.

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

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Hand Protection: NA

Eye Protection: wear goggles

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colorless, odorless liquid.

Vapor Density (air=1): >1

Specific Gravity: 0.89 (25°C)

Evaporation Rate: <1 (Butyl Acetate =1)

Stability: Stable

Odor: Odorless

Water Solubility: Not Soluble

Viscosity: 3.0cSt

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Handling operations that can promote accumulation of static charges, flames and sparks.

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION, Thermal decomposition: Formaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin: No any adverse effect on skin

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

Acute and Chronic: None known

Carcinogenicity: No

IARC Monographs: No

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OSHA Regulated: No

SECTION 12: ECOLOGICAL INFORMATION

Environmental Effects: No adverse effects on aquatic organisms.

Environmental Fate & Distribution: Siloxanes are removed from by sedimentation of binding to sewage sludge. In soil siloxanes are degraded.

Bio accumulative Potential: No bioaccumulation potential.

Ecological Information: Not yet determined

Behavior in Sewage: No adverse affects .The siloxanes in this product do not contribute to the BOD.

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 a dangerous good

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.

Domestic regulation**49 CFR**

UN/ID/NA number : NA 1993

Proper shipping name : COMBUSTIBLE LIQUID, N.O.S.

(Dodecamethylpentasiloxane, Dodecamethyl cyclohexasiloxane)

Class: CBL

Packing Group: III

Labels: None

ERG Code: 128

Marine Pollutant: No.

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SECTION 15: REGULATORY INFORMATION

OSHA Hazards: Combustible Liquid.

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ. SARA 311/312 Hazards: Fire Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16: OTHER INFORMATION DATA**Further Information:**

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