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Material Safety Data Sheet

Section 1 – Company and Product Identification

Issued by:	JEEN® International Corporation 24 MADISON ROAD FAIRFIELD, NJ 07004 Tel#: 973-439-1401	Chemtrec Emergency Tel.# *Chemtrec International Tel.# *Collect Calls Accepted	800-424-9300 703-527-3887
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Section 2 – Composition/Information on Ingredients

Product Name:	JEESILC® SR-5
Chemical Name:	C13-C16 ISOPARAFFIN, C12-C14 ISOPARAFFIN, C13-15 ALKALINE
INCI:	C13-C16 ISOPARAFFIN, C12-C14 ISOPARAFFIN, C13-15 ALKALINE
CAS No.:	68551-20-2, 68551-19-9, 64742-46-7
EINECS:	271-370-0, 271-369-5, 265-148-2

Section 3 – Hazards Identification

Physical state:	Liquid
Color:	Clear. Colorless
Emergency Overview	WARNING!

Combustible liquid and vapor. Vapor may cause fire. Aspiration hazard.
Harmful or fatal if liquid is aspirated into lungs.

Do not ingest. If ingested do not induce vomiting. Do not breathe vapor or mist. Keep away from heat, sparks, and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion

Potential health effects

Eye	May cause eye irritation
Skin	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
Inhalation	Inhalation causes headaches, dizziness, drowsiness, and nausea and may lead to unconsciousness.
Ingestion	Harmful if swallowed. Aspiration hazard if swallowed – harmful or fatal if liquid is aspirated into lungs.

Section 4 – First Aid Measures

Eyes:	Immediately flush with water for 15 minutes. Obtain medical attention if irritation persists.
Inhalation:	No first aid should be needed.
Skin:	Remove contaminated clothing and wash with soap and water. If irritation persists or if contact has been prolonged, obtain medical attention.
Oral:	Obtain medical attention.
Notes to Physician:	Slight eye irritant. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient .
Comments:	Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point:	56.7°C.
Products of Combustion	These products are carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide) and other hazardous substances.
Unusual fire/explosion hazards	Combustible liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
Fire-fighting media and instructions	In case of fire, use water fog, foam, dry chemicals, or carbon dioxide. DO NOT FIGHT FIRE WHEN IT REACHES MATERIAL. Withdraw from fire and let it burn. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. First move people out of the line-of-sight of the scene and away from windows. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Protective clothing (fire)	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.



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Section 6 - Accidental Release Measures

Containment/Clean Up: Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities may present a slip hazard. Final cleaning may require steam, solvents or detergents. Observe all personal protection equipment recommendations described in Sections 5 and 8 of this MSDS. Observe all Federal, Provincial and local regulations that may apply to the clean up of this material.

Section 7 – Handling and Storage

Handling: Safety Glasses and PVC Gloves
Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8 – Exposure Controls/ Personal Protection

Engineering Controls: Local exhaust: None should be needed.
General Ventilation: Recommended

Personal Protective Equipment for Routine Handling:

Eyes: Use proper protection – safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: No special protection is needed.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills:

Eyes: Use proper protection – safety goggles as a minimum
Skin: Washing at mealtime and end of shift is adequate.
Inhalation/Suitable Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact.

Warning: Causes eye irritation. Avoid contact with eyes. Wash thoroughly after handling.

Note: These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

Section 9 – Physical and Chemical Properties

Physical State: Liquid
Odor: Odorless
Color: Clear. Colorless
Boiling Point / Range: 176 – 192°C
Melting Point / Range: -81°C
Density: 740 kg/m (0.74 g/cm) at 20°C
Vapor Pressure: 0.1 kPa
Vapor Density (Air=1): 5.9
Solubility: Insoluble in cold water
Solubility at room temperature <0.01g/l

Section 10 – Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Keep away from heat, sparks, flame. Keep away from sources of ignition.
Materials to Avoid: Strong oxidizing material can cause a reaction.

Section 11 – Toxicological Information

Ingredient Name	Test	Result	Route	Species
ISODODECANE	LC0	>15mg/l(4hour (s))	Inhalation	Rat
	LC50	>21.4 mg/l (1 hour (S))	Inhalation	Rat

Section 12 – Ecological Information

Ecotoxicity	>0.04 mg/l (EC50), 48 hour(s) (Daphnia) >0.04 mg/l (LC50), 72 hour (s) Algae
Persistence/degradability	This product is unlikely to biodegrade at a significant rate.
Mobility	This product is not likely to move rapidly with surface or groundwater flows because of its low water solubility. This product is likely to volatilize rapidly into the air because of its high vapor pressure.
Bioaccumulative potential	This product may bioaccumulate through food chains in the environment.

Section 13 – Disposal Information

Landfill and/or incineration where permitted under Federal, Provincial or local laws. Observe all local, Provincial, and Federal waste management regulations.

Section 14 – Transportation Information

Regulatory Information	UN Number	Proper Shipping Name	Class	Packing Group	Label	Additional Information
DOT Classification	UN2286	Pentamethylheptane	3	III	-	-
TDG Classification	UN2286	Pentamethylheptane	3	III	-	-
IMDG Classification	UN2286	Pentamethylheptane	3	III	-	-
IATA Classification	UN2286	Pentamethylheptane	3	III	-	-

Section 15 – Regulatory Information

US Federal Regulations	US INVENTORY (TSCA): Listed on inventory This product is not regulated under section 302 of SARA and 40 CFR Part 355 SARA 311/312 MSDS Distribution – chemical inventory – hazards identification: ISODODECANE: Fire hazard, Immediate (Acute) Health Hazard
SARA 313 Form R – Reporting Requirements	This product does not contain any hazardous ingredients at or above thresholds
Supplier Notification	This product does not contain any hazardous ingredients at or above thresholds CERCLA Sections 102a/103 Hazardous Substances (40 CFR Part 302.4):: This material is not regulated under CERCLA Sections 103 and 107.
State regulations	No products were found California Prop 65: No product were found
Inventories:	Australian (AICS) – Not listed Canada (DSL) – Listed China (IECS) – Listed EC (EINECS) – Listed Japan (ENCS) – Listed Korea (ECL) – Listed Philippine (PICCS) – Listed

Section 16 – Other Information

The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any material or in any process. This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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