



ORGANICA AROMATICS PVT. LTD


Plot No.4"O"-5"B" , Nelamangala Taluk, Dobaspet Industrial Area.

Document Name:	SAFETY DATA SHEET		
PRODUCT NAME	KARANAORG	Revision No : Date	02 : 26.06.2017
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SECTION 01 IDENTIFICATION OF THE SUBSTANCE

1.1	Product Name Chemical Name CAS No EC No	KARANAORG 2-(2,4-Dimethyl-3-cyclohexenyl-5-methyl-5-(1-methylpropyl)-1,3-dioxane 117933 – 89 -8 413-720-9
1.2	Relevant Identified uses of the substance	Industrial Use
1.3	Supplier Address	Organica Aromatics Pvt Ltd. No:5'B' & 4'O', KIADB Industrial Area, Dobaspet, Bangalore – 562 111. Ph: 080 27735252 Fax No: 080 27735252 Email id:info@orgnicaaroma.com
1.4	Emergency Telephone No	

SECTION 02 HAZARDOUS IDENTIFICATION

2.1	Classification of the substance Classification according to the Regulation (EC) No 1272/2008. Hazardous to the aquatic environment — acute hazard, category acute 1; H400 Hazardous to the aquatic environment — long-term hazard, category chronic 1; H410.
2.2	Label Elements  Signal Word : Warning Hazardous Statements H410 Very toxic to aquatic life with long lasting effects. Precautionary Statements P273 Avoid release to the environment P391 Collect spillage P501 Dispose of contents/container to an approved waste disposal

SECTION 03 COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Substances			
Compound	Chemical Name	Molecular formulae	CAS No	EINECS No
Karanaorg	2-(2,4-Dimethylcyclohex-3-ene-1-yl)-5-methyl-(1-	C ₁₇ H ₃₀ O ₂	117933-89-8	413-720-9



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	methylpropyl)-1,3-dioxane.		
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SECTION 04 FIRST AID MEASURES

4.1	Description of First aid measures
	<p>Ingestion Rinse mouth with water. Obtain medical assistance immediately. Do not induce vomiting. Symptoms: queasiness, stomach aches</p> <p>Eye contact Immediately rinse eyes with water. If any sign of tissue damage or persistent irritation is apparent, obtain medical assistance immediately. Symptoms: irritation, reddening.</p> <p>Skin contact Remove contaminated clothing. Wash skin immediately with water and soap. If any sign of tissue damage or persistent irritation is apparent obtain medical assistance immediately. Symptoms: irritation, stinging.</p> <p>Inhalation In case of excessive inhalation, expose the person to fresh air and if necessary, obtain medical assistance. Symptoms: Choking, drowsiness, respiratory disruptions</p>

SECTION 05 FIRE FIGHTING MEASURES

5.1	Suitable Extinguishing media
	Dry chemical, alcohol-resistant foam and carbon dioxide. For safety reasons, do not use full water spray.
5.2	Special protective equipment for fire-fighters
	Wear self-contained breathing apparatus for fire fighting if necessary. Prevent run-off from fire fighting to enter drains or water courses.
5.3	Hazardous Decomposition arising from the substance None.

SECTION 06 ACCIDENTAL RELEASE MEASURES.

6.1	Personal Precautions
	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Avoid contact with skin and inhalation of its vapors or smoke. Maintain adequate ventilation in the working area after spilling
6.2	Methods and material for containment and cleaning up
	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.



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SECTION 07 HANDLING AND STORAGE	
7.1	<p>Safe handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from fire and open flames. Do not overheat. Keep away from food, drink and animal feeding stuffs.</p>
7.2	<p>Conditions for storage Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.</p>
SECTION 08 EXPOSURE CONTROL AND PERSAONAL PROTECTION.	
8.1	<p>Exposure controls</p> <p>Personal protection equipment Use personal protection equipment according to Directive 89/686/EEC.</p> <p>Engineering Controls-Ventilation The areas where the product is handled and stored should be adequately ventilated.</p> <p>Respiratory Protection Use personal breathing apparatus whenever deemed necessary.</p> <p>Skin Protection Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.</p> <p>Eye/Face protection Chemical safety goggles are recommended. Wash contaminated goggles before reuse.</p>
SECTION 09 PHYSICAL AND CHEMICAL PROPERTIES	
9.1	<p>Information on basic physical and chemical properties</p> <p>Physical State Liquid</p> <p>Color Colorless to Pale Yellow colored liquid</p> <p>Odor Amber, Woody</p> <p>Specific Gravity at 25°C Between 0.958 – 0.965 at 25°C</p> <p>Refractive Index at 20°C 1.4800 – 1.4880 at 25°C</p> <p>Acid value Not More Than 1.0</p> <p>Solubility in water In soluble</p> <p>Boiling Point 328 - 329°C @ 760 mm Hg</p> <p>Flash point >200° F (93.33°C)</p>
SECTION 10 STABILITY AND REACTIVITY	
10.1	<p>Storage Stability Stable under recommended storage conditions</p> <p>Incompatible materials Oxidizing mineral acids, strong reducing agents, strong</p>

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Conditions to avoid	oxidizing agents.
Hazardous Decomposition products	Heat, flames and other sources of ignition.
Hazardous Polymerization	Carbon monoxide and other unidentified organic compounds may be formed upon combustion
	It does not undergo any dangerous reactions under normal Conditions.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1	Threshold Limit Value	Non Toxic.
	Signs and Symptoms of Exposure	Not Available
	Carcinogenicity	Not Available
	Reproductive Toxicity	Not Available
	Teratogenicity	Not Available
	Mutagenicity	Not Available

SECTION 12 ECOLOGICAL INFORMATION

12.1	Acute aquatic toxicity	Not determined
	Persistence and degradability	Not available
	Mobility in soil	Not available
	Results of PBT and vPvB assessment	Not determined
	Other adverse effects	Do not allow the material to enter streams, sewers or other waterways

SECTION 13 DISPOSAL CONSIDERATION

13.1	Waste Disposable method	Combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
	Contaminated packaging	Do not reuse used empty containers. Dispose of as unused product.

SECTION 14 TRANSPORT INFORMATIONS

14.1	International Carriage of Dangerous Goods by Road (ADR)	
	UN No.:	UN3082
	Proper Shipping Name:	Environmentally Hazardous Substance liquid N.O.S.(Contains 2-(2,4- Dimethyl-3- cyclohexenyl)-

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	<p>Packing Group: III Class: 9 Tunnel restriction code: (E) Label:</p>  
14.2	<p>Sea Transport (IMDG)</p> <p>UN No.: UN3082 Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains 2- (2,4- Dimethyl-3-yclohexenyl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane)</p> <p>Packing Group: III Class: 9 Marine Pollutant: Yes Label:</p>  
14.3	<p>Air Transport (IMDG)</p> <p>UN No.: UN3082 Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Contains 2-(2,4- Dimethyl-3-yclohexenyl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane)</p> <p>Packing Group: III Class: 9 Marine Pollutant: Yes Label:</p>  
SECTION 15 REGULATORY INFORMATION	
15.1	<p>US Federal regulations</p> <p>This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200</p>



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15.2	Other Federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List - Not Regulated Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) - Not Regulated Safe Drinking Water Act - Not Regulated
15.3	U S State regulations US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance – Not listed
15.4	International Inventories Australia Australian Inventory of Chemical Substances (AICS) Yes Canada Domestic Substances List (DSL) Yes Canada Non-Domestic Substances List (NDSL) No China Inventory of Existing Chemical Substances in China (IECSC) Yes Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) Yes Japan Inventory of Existing and New Chemical Substances (ENCS) No Korea Existing Chemicals List (ECL) Yes New Zealand New Zealand Inventory No Philippines Philippine Inventory of Chemicals and Chemical Substances Yes

SECTION 16 OTHER INFORMATION

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this SDS. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment and must determine suitability of this information for his application. The information contained herein is applicable solely to **Karanorg** and does not relate any other use of the substance described. Its use is intended by persons having technical skill and at their own discretion and risk.