

Safety Data Sheet	
Material Name	ChemFlexx DINA
Version	4.0
Revision Date	6/23/2020



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name ChemFlexx DINA
Description ORGANIC ESTER

Recommended use of the chemical and restrictions on use

Recommended use PLASTICIZER
Uses advised against None known

Details of the supplier of the safety data sheet

The Chemical Company
44 Southwest Avenue
Jamestown, RI 02835 USA
Phone : 401.423.3100
Fax : 401.423.3102
Email : info@thechemco.com
Web : www.thechemco.com

Emergency telephone number

For Chemical Emergency

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance - Liquid

Physical State - Liquid

Odor - Slight

Hazards not otherwise classified (HNOC)

None known

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Other Information

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Hexanedioic Acid, 1,6-disononyl ester	33703-08-1	>99

4. FIRST AID MEASURES

First Aid Measures

Eye contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

Skin Contact Wash with soap and water.

Inhalation None under normal use conditions.

Ingestion Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO2 or water spray.

Unsuitable Extinguishing Media No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products

In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, organic acids.

Explosion data

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

Protective equipment and precautions for firefighters

Use personal protective equipment as required. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Other Information Not Applicable.

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Environmental Precautions

Environmental Precautions Do not allow into any sewer, on the ground or into any body of water.

Methods and material for containment and cleaning up

Methods for Containment Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for Clean-Up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible Materials Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	No information available
Appearance	Liquid	Odor Threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks - Method</u>
pH	Not Applicable	
Melting point/freezing point	Not Applicable	
Boiling point / boiling range	Not Applicable	
Flash Point	Not Applicable	

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Evaporation Rate	Not Applicable
Flammability (solid, gas)	Not Applicable
Flammability Limit in Air	
Upper Flammability Limit	Not Applicable
Lower Flammability Limit	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Specific Gravity	Not Applicable
Water solubility	Negligible
Solubility in other solvents	Not Applicable
Partition coefficient	Not Applicable
Autoignition Temperature	Not Applicable
Decomposition temperature	Not Applicable
Kinematic viscosity	Not Applicable
Dynamic viscosity	Not Applicable
Explosive properties	Not Applicable
Oxidizing properties	Not Applicable
Molecular weight	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Avoid overheating to minimize fume production.

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating and toxic gases and vapors

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Avoid breathing vapors or mists.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

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STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard Not Applicable.

Numerical measures of toxicity - Product Information

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA (Active) Complies

Legend:

TSCA - Active United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard NO

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Chronic Health Hazard	NO
Fire hazard	NO
Sudden release of pressure hazard	NO
Reactive Hazard	NO

US State Regulations

California Proposition 65

As formulated this product does not contain any Proposition 65 chemicals

Other Regulations

EU Regulation (EC) No. 1907/2006 (REACH)

As formulated, this product does not contain any ingredients listed as an SVHC above 0.1%.

Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU and GB/T 26572)

As formulated, this compound does not contain any substances regulated under EU RoHS Directive (2011/65/EU) (RoHS 2, as amended by 2015/863; RoHS 3) and China RoHS 2 (GB/T 26572) above threshold levels.

Conflict Minerals

As formulated, the raw materials used in this product do not intentionally contain any of the "Conflict Minerals". Conflict Minerals consist of Gold, Columbite-Tantalite (Tantalum), Casserite (Tin), and Wolframite (Tungsten) that originate from the Democratic Republic of Congo or adjoining countries.

16. OTHER INFORMATION

NFPA **Health Hazards** 1 **Flammability** 1 **Instability** 0 **Physical and Chemical Properties** -

Revision Date 23-Jun-2020

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End of Safety Data Sheet