

1. Product and Company Identification

Chemical Description:	C18-C25 Long Chain Chlorinated Paraffin
Brute formula:	$C_{24}H_{30}Cl_2$
CAS No.:	85535-86-0
Product use	Flame Retardant Plastic Compounding Adhesive

2. Physical & Chemical Properties

Form	Solid
Colour	White
Odor	None
Appearance	Powder Granular
Specific Gravity	1.6 x 103 Kg/M3

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous, and there is <1% C10-C13 chlorinated paraffin in this product.

4. Dangers Identification

Emergency Overview

Health injuries are not known or expected under normal use. Product dust may be irritating to eyes, skin and respiratory system. Prolonged or repeated exposure increases the risk. Product may form explosive dust/air mixtures if high concentration of product dust is suspended in air.

Potential short term health effects

Eyes Contact with eyes may cause irritation.

Skin: Prolonged and/or repeated skin contact may result in mild irritation or redness.

Inhalation: May cause irritation of respiratory tract.

Ingestion: Small amounts swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

5. Ecological Information

Chlorinated Paraffin product is considered nontoxic by the present agreements.

Environmental Fate and Distribution

High tonnage material used in wholly contained systems.

Solid with low volatility.

The products essentially insoluble in water.

Atomized water may be used considering that the product floats on it with shipping risk.

A self contained breathing apparatus and full protective clothing should be worn in fire conditions.

8. Precautions For Use/Personal Protection

Exposure standards: No value assigned by worksafe for this material. Avoid repeated or prolonged exposure to vapor or mist without appropriate respiratory protection.

Engineering controls: Install local exhaust fan ventilator or use organic vapor mask. Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust generated from the handling of this product.

Personal protection: wear overalls, goggles and gloves in order to avoid excessive personal contact. If inhalation risk exists, wear an organic vapor mask .

Flammability: Non flammable.

9. Accidental Release Measures

In case of solid product: gather into proper containers.

Evacuation procedures: Isolate area. Keep unnecessary personnel away. Ventilate closed spaces before entering.

Containment procedures: Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Stop leak if you can do so without risk. Cover with plastic sheet to prevent spreading.

Clear up spillage, use vacuum suction unit if available. If not shovel into waste drums.

Spillages of uncontrolled discharges into watercourse. Must be alerted to the environment agency or other appropriate regulatory body.

10. Handling And Storage

Storage: keep away from heat source, prevent from sunlight. Strictly prevent from dampening, handle with care in order not to damage package. Have to change the packing when it is broken.

Handling: the product is best transferred into container tightly closed. Handle with care to avoid bags from damage which results in leakage. The storage temperature not exceeding 40 deg c.

Storage life: In excess of 2 years if stored in accordance with recommendations given above.

11. Stability & Reactivity Information

The product has entirely natural origins, with no mixtures, it is consequently stable and does not

cause dangerous reactions.

Stability: Stable at normal conditions

Conditions to avoid: avoid free flames

Decomposition products: due to its stability, the product does not cause decomposition substance.

Hazardous Reactions: Can react with alkali metals and alkaline earth metals which have a strong affinity for chlorine. Can react with iron, zinc and aluminium at high temperatures leading to decomposition. Conditions to avoid: strong oxidising agents, heat and hot surfaces.

Hazardous Decomposition Products: Prolonged heating at temperatures in excess of 70 deg c or heating above 200deg c for short periods of time will result in decomposition and liberation of hydrogen chloride.

12. Toxicological Information

Oral toxicity LD50: poisonous

Sensitivity power: natural origin substance with no syntosls products.

Corrosively/irritating power: primary skin irritations (on rabbits)

Eyes: primary eyes irritations (on rabbits)

Cancerogenesis: no

Mutagenesis: no

Teratogenesis: no

13. Regulatory Information

Labeling: not requested as the product is non dangerous.

14. Disposal Consideration

In case of spreading, the product being non toxic or harmful and is controlled by the present laws in force.

15. Transportation Information

DOT classification: Not regulated as dangerous goods.

TDG classification: Not regulated as dangerous goods.

General: Not regulated as dangerous goods.

Further information: Not established.

16. Other Information

SARA REGULATIONS SECTIONS 313 and 40 CFR 372: This product is not subject to reporting requirements.

The staff could not cause any kind of dangerous reaction caused by standard product contact with the mentioned product.

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and of how to safely handle the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace in conjunction with other products.

If clarification or further information is needed to ensure that appropriate risk assessment can be made, then the user should contact with our local agent..

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