

SDS

SAFETY DATA SHEET

Oakwood Products, Inc
730 Columbia HWY N
Estill, SC 29918
www.oakwoodchemical.com

Phone Numbers:

Product Information	803-739-8800
Transportation Emergency	800-451-8346
Outside the USA	760-602-8700

MATERIAL IDENTIFICATION

NAME: **Chloroform stabilized with 50-200 ppm Amylene ACS Reagent Grade**
CAS#: [67-66-3]
CAT#: 095000
For R&D use only.

HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity, oral (Category 4)
Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Acute toxicity, inhalation (Category 3)
Narcotic effects (Category 3)
Carcinogenicity (Category 2)
Reproductive toxicity (Category 2)
Specific target organ toxicity, repeated exposure (Category 1)

GHS Label elements, including precautionary statements**Pictograms****Signal Word**

Danger

Hazard Statement(s)

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure

Precautionary Statement(s)

- P262

Do not get in eyes, on skin, or on clothing.
- P280

Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P304 + P340

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
- P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310

Immediately call a POISON CENTER or doctor/physician.

COMPOSITION/INFORMATION ON INGREDIENTS

- Synonyms

: Trichloromethane, Methylidyne trichloride
- Formula

: CHCl3
- Molecular Weight

: 119.38 g/mol

CAS	Description	Concentration
67-66-3	Chloroform stabilized with 50-200 ppm Amylene ACS Reagent Grade	99.9%

FIRST AID MEASURES

- In case of eye contact

Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.
- In case of skin contact

Wash thoroughly with soap and plenty of water. Seek medical attention.
- If inhaled

Remove victim from source of exposure to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.
- If swallowed

Do not induce vomiting. Give water to victim to drink. Seek medical attention.

FIRE-FIGHTING MEASURES

- Suitable extinguishing media

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.
- Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- Unusual fire and explosion hazards/decomposition of product

emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area.
Remove all sources of ignition. Evacuate personnel.

Environmental precautions

Prevent further leakage if safe to do so.

Methods and materials for containment and clean up

Absorb spills on sand or vermiculite and place in closed container for disposal.

HANDLING AND STORAGE

Precautions for safe handling

Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash thoroughly after handling.

Precautions for safe storage

Keep container tightly closed. Store in a cool, dry, well-ventilated area.

EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:

		TWA	
Component Name (CAS)	Reference	ppm	mg/m3
Chloroform stabilized with 50-200 ppm Amylene ACS Reagent Grade (67-66-3)	OSHA	(C) 50	(C) 240

Personal protective equipment

Eye/face protection

Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand/skin protection

Avoid all direct contact with product.
Wear chemical-resistant gloves.
Wear protective clothing and boots.
After contact with skin, wash immediately.

Respiratory protection

Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	colorless liquid
Odour	no data available
Odour Threshold	no data available
Melting point/Freezing Point	no data available
Boiling Point	61-62°C
Flash Point	no data available

Evaporation Rate	no data available
Flammability (solid, gas)	no data available
Upper/Lower Flammability or Explosive limits	no data available
Vapour pressure	no data available
Relative Density	1.492
Solubility(ies)	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Refractive Index	no data available

STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

no data available

Incompatible materials

Strong oxidizing agents, strong bases, magnesium, and sodium/sodium oxides, lithium.

Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide, and hydrogen chloride.

TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

Rat - 908 mg/kg

Remarks: Behavioral:Change in motor activity (specific assay). Behavioral:Ataxia. Lungs, Thorax, or Respiration:Respiratory stimulation.

Dermal LD50

Rabbit - > 20,000 mg/kg

Skin corrosion/irritation

Rabbit - Irritating - 24 h

Serious eye damage/eye irritation

Rabbit - Irritating - 24 h

Respiratory or skin sensitization

Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Laboratory experiments have shown mutagenic effects.

Carcinogenicity

Rat - Oral

Tumorigenic: Carcinogenic by RTECS criteria. Leukaemia

Reproductive toxicity

Suspected of damaging the unborn child. Suspected human reproductive toxicant

STOT-single exposure

May cause drowsiness or dizziness

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. - Liver, Kidney

Aspiration hazard

no data available

Exposure Routes

Harmful to skin, eyes, and respiratory system.

May be toxic if inhaled or swallowed.

Signs and Symptoms of Exposure

Vomiting, Gastrointestinal disturbance, Exposure to and/or consumption of alcohol may increase toxic effects.

Target Organs

Stomach - Irregularities - Based on Human Evidence

Additional Information

RTECS: FS9100000

To the best of our knowledge, the health hazards of this material have not been fully investigated.

ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish:

LC50 - Leuciscus idus (Golden orfe) - 162 mg/l - 48 h

Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water flea) - 79.00 mg/l - 24 h

Toxicity to algae:

EC50 - No information available. - 500.00 mg/l - 24 h

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

DISPOSAL CONSIDERATIONS

Dissolve in or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and local laws.

TRANSPORT INFORMATION**DOT**

Chloroform

6.1

UN1888 III

Reportable Quantity (RQ): 10 lbs

IMDG

Chloroform

6.1

UN1888

EMS-No: F-A, S-A

Marine Pollutant: No

IATA

Chloroform

6.1

UN1888

REGULATORY INFORMATION**SARA 302 Components**

SARA 302: The following chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302:

	CAS
Chloroform stabilized with 50-200 ppm Amylene ACS Reagent Grade	67-66-3

SARA 313 Components

SARA 313: The following chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313:

	CAS
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New Jersey Right to Know Components

This product contains a chemical on the New Jersey Right to Know Components List.

	CAS
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California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm.

	CAS
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OTHER INFORMATION

Version : 1.6

Revision Date : 6/25/2021

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.