

Safety Data Sheet

FORTRIX C-R

Safety Data Sheet dated 7/29/2026 version 3

Date of first edition: 05/30/2025

1: Identification

Product identifier

Identification of the substance:

Trade name: FORTRIX C-R

Trade code: 9067425

Recommended use and restrictions on use

Recommended use: Cleaner

Restrictions on use: Not available

Supplier's details

Company: Polyglass U.S.A. Inc.

1111 West Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 866-222-9782

Responsible: RDProductSafety@mapei.com

Emergency phone number

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

2. Hazard identification



Classification of the product

Flammable Liquids — Category 2

Highly flammable liquid and vapour.

Eye irritation, Category 2A

Causes serious eye irritation.

Specific target organ toxicity following single exposure, Category 3

May cause drowsiness or dizziness.

Label elements

Hazard pictograms and Signal Word



Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/clothing and eye/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep 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.

P312 Call a doctor if you feel unwell.

P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire, use a dry powder fire extinguisher to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with applicable regulations.

Other hazards

None

Ingredient(s) with unknown acute toxicity

None

3. Composition/information on ingredients

Substances

Substance Identifications: FORTRIX C-R

Mixtures

Not Relevant

Hazardous components within the meaning of WHMIS 2015 (HPR and its amendments) and related classification:

List of components

Qty	Name	Ident. Numb.	Classification
100 %	methyl acetate; Ethyl ester of monoacetic acid	CAS:79-20-9 EC:201-185-2 Index:607-021-00-X	Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336

The actual concentration of the components listed above is withheld as a trade secret.

Declared percentages are expressed in w/w

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

Remove contact lenses, if present and easy to do. Continue rinsing.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Most important symptoms/effects, acute and delayed

Eye irritation

Eye damages

Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

5. Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire, use a dry powder fire extinguisher to extinguish.

CO2 or Dry chemical fire extinguisher.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the hazardous product

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not available

Oxidizing properties: Not available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Wash skin thoroughly after handling.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Store in a well-ventilated place. Keep cool.

Avoid direct exposure to sunlight.

Opened containers must be carefully resealed and kept upright to prevent leakage.

Flammable mixtures may accumulate within the headspace of containers at room temperature.

Storage at higher temperatures requires an appropriate evaluation of preventive and protection measures to be adopted.

Storage temperature must be defined on the basis of a proper risk evaluation. Refer to other sections for additional information.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Electrical installations / working materials must comply with the technological safety standards.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Temperature of storage facilities must be adequately monitored to avoid hazardous conditions.

Incompatible materials:

Store away from incompatible materials (see Section 10 of the SDS).

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature: Not available

8. Exposure controls/personal protection

Control parameters

ACGIH Long Term: 200 ppm; Short Term: 250 ppm
Notes: Headache, dizziness, nausea, eye dam (degeneration of ganglion cells in the retina)

Long Term: 200 ppm; Short Term: 250 ppm
Notes: headache;dizziness;nausea;eye damage (degeneration of ganglion cells in the retina)

MAK AUSTRIA Long Term: 610 mg/m³ - 200 ppm; Short Term: 1220 mg/m³ - 400 ppm
MAK SWITZERLAND Long Term: 310 mg/m³ - 100 ppm
D
MAK GERMANY Long Term: 310 mg/m³ - 100 ppm
OSHA Long Term: 610 mg/m³ - 200 ppm

Predicted No Effect Concentration (PNEC) values

Exposure Route: Freshwater sediments; PNEC Limit: 0.128 mg/l
Exposure Route: Marine water sediments; PNEC Limit: 0.0128 mg/kg
Exposure Route: Soil; PNEC Limit: 0.0416 mg/kg
Exposure Route: Oral; PNEC Limit: 20.4 mg/kg
Exposure Route: Fresh Water; PNEC Limit: 0.12 mg/l
Exposure Route: Marine water; PNEC Limit: 0.012 mg/l
Exposure Route: Intermittent release; PNEC Limit: 1.2 mg/l
Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 600 mg/l

Derived No Effect Level (DNEL) values

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
Worker Industry: 88 mg/kg

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
Worker Industry: 305 mg/m³

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
Consumer: 44 mg/kg

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
Consumer: 131 mg/m³

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
Consumer: 44 mg/kg

Appropriate engineering controls

Not available

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Use close fitting safety goggles, don't use contact lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Nitrile rubber - NBR: thickness $\geq 0,35\text{mm}$; breakthrough time $\geq 480\text{min}$.

Butyl rubber - IIR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluorinated rubber - FKM: thickness $\geq 0,4\text{mm}$; breakthrough time $\geq 480\text{min}$.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Use adequate protective respiratory equipment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Color:	clear
Odour:	low odour
Melting point / freezing point:	-98 °C (-144 °F)
Initial boiling point and boiling range:	55 °C (131 °F)
Flammability:	The product is classified Flam. Liq. 2

Upper/lower flammability or explosive limits:	No data available
Flash point:	-14 °C (7 °F)
Auto-ignition temperature:	454.00 °C
Decomposition temperature:	No data available
pH:	3.90
Kinematic viscosity:	No data available
Viscosity:	No data available
Solubility in water:	No data available
Solubility in oil:	No data available
Partition coefficient (n-octanol/water):	No data available
Vapour pressure:	228.00 (kPa 50°C). hPa at 20C
Relative density:	0.93 g/cm ³ at 25C
Relative vapour density:	No data available
Particle characteristics:	
Particle size:	No data available

10. Stability and reactivity

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None.

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with oxidizing materials. The product could catch fire.

Hazardous decomposition products

None.

Data not available.

11. Toxicological information

Information on toxicological effects

Likely routes of exposure:

Skin contact, skin absorption, eye contact, inhalation and ingestion.

Toxicological Information of the Substance

a) acute toxicity	Not classified Based on available data, the classification criteria are not met LD50 Skin Rat > 2000 mg/kg LC50 Inhalation Rat > 49.2 mg/l 4h LD50 Oral Rat = 6482 mg/kg LD50 Skin Guinea pig > 18684 mg/kg LD50 Skin Rabbit > 5000 mg/kg LD50 Skin Rabbit > 5 g/kg LC50 Inhalation Rat > 49000 mg/m ³ 4h LD50 Oral Rat > 5 g/kg
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met Skin Irritant Skin Rabbit Negative

c) serious eye damage/irritation	The product is classified: Eye irritation, Category 2A(H319) Eye Irritant Rabbit Yes
d) respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met Skin Sensitization Negative Respiratory Sensitization Negative
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met Genotoxicity Negative
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	The product is classified: Specific target organ toxicity following single exposure, Category 3(H336)
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met No Observed Adverse Effect Level Inhalation Rat = 350 mg/kg
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

a) Aquatic acute toxicity: LC50 Fish Brachydanio rerio $\geq$ 250 mg/L 96h

a) Aquatic acute toxicity: EC50 Daphnia Daphnia magna = 1026.7 mg/L 48h

a) Aquatic acute toxicity: EC50 Algae Desmodesmus subspicatus > 120 mg/L 72h

a) Aquatic acute toxicity: EC50 Bacteria Pseudomonas putida = 6000 mg/L - 16 h

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

13. Disposal considerations

Safe handling and methods for disposal

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

14. Transport information

UN number

TDG-UN number:

ADR-UN number: 1231

DOT-UN Number: UN1231

IATA-Un number: 1231

IMDG-Un number: 1231

UN proper shipping name

TDG-Shipping Name:

ADR-Shipping Name: METHYL ACETATE

DOT-Proper Shipping Name: Methyl acetate

IATA-Technical name: METHYL ACETATE

IMDG-Technical name: METHYL ACETATE

Transport hazard class(es)

TDG-Class:

ADR-Class: 3

DOT-Hazard Class: 3

IATA-Class: 3

IMDG-Class: 3

Packing group

TDG-Packing Group:

ADR-Packing Group: II

DOT Packing Group: II

IATA-Packing group: II

IMDG-Packing group: II

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: No

Not Applicable

Special precautions in connection with transport or conveyance

TDG:

TDG Special provisions: N/A

Department of Transportation (DOT):

DOT-Special Provision(s): IB2, T4, TP1

DOT-Label(s): 3

DOT-Symbol: N/A

DOT-Cargo Aircraft: 60 L

DOT-Passenger Aircraft: 5 L

DOT-Bulk: 242

DOT-Non-Bulk: 202

DOT-Limited Quantity threshold: 1 L

Road and Rail (ADR-RID) :

ADR-Label: 3

ADR-Hazard identification number: 33

ADR-Transport category (Tunnel restriction code): 2 (D/E)

Air (IATA) :

IATA-Passenger Aircraft: 353

IATA-Cargo Aircraft: 364

IATA-Label: 3

IATA-Subsidiary hazards: -

IATA-Erg: 3H

IATA-Special Provisioning: -

Sea (IMDG) :

IMDG-Stowage and handling: Category B

IMDG-Segregation: -

IMDG-Subsidiary hazards: -

IMDG-Special Provisioning: -

IMDG-EMS: F-E, S-D

15. Regulatory information

Canada - Federal regulations

This Safety Data Sheet has been prepared according to the WHMIS Hazardous Products Regulations (SOR/2015-17 as amended by SOR/2022-272).

DSL - Domestic Substances List

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

This product complies with NDSL inventory

NPRI - National Pollutant Release Inventory

NPRI (National Pollutant Release Inventory) - List of substances listed.

None

USA - Federal regulations

TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

TSCA listed substances:

methyl acetate; Ethyl ester of is listed in TSCA Section 8b Section 8a - PAIR
monoacetic acid

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No

Section 304 - Hazardous substances:

No

Section 313 - Toxic chemical list:

No

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

None

CAA - Clean Air Act

CAA listed substances:

methyl acetate; Ethyl ester of is listed in CAA Section 112(b) - HON
monoacetic acid

CWA - Clean Water Act

CWA listed substances:

None

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

None

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

Yes

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

Yes

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

Yes

16. Other information

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Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code Description

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Code	Hazard class and hazard category	Description
A.3/2A	Eye Irrit. 2A	Eye irritation, Category 2A
A.8/3	STOT SE 3	Specific target organ toxicity following single exposure, Category 3
B.6/2	Flam. Liq. 2	Flammable Liquids — Category 2

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.

Paragraphs modified from the previous revision:

- Safety Data Sheet
- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 15. REGULATORY INFORMATION