

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/31/2025

Reviewed on 10/31/2025

1 Identification

- **Product identifier**

- **Trade name:** 1% Crude Cartridge Standard, 40ul

- **Article number:** 165-66

- **Restrictions**

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

- **Application of the substance / the mixture** Laboratory chemicals

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

OFI Testing Equipment Inc.

11302 Steeplecrest Dr.

Houston, TX 77065

(877) 837-8683

- **Information department:** techservices@ofite.com

- **Emergency telephone number:**

INFOTRAC USA - CANADA: 1-800-535-5053

INTERNATIONAL: 1-352-323-3500



2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carcinogenicity 2 H351 Suspected of causing cancer.



GHS07

Eye Irritation 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07



GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**

Dichloromethane (Methylene Chloride)

- **Hazard statements**

Causes serious eye irritation.

Suspected of causing cancer.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash thoroughly after handling.

Wear protective gloves / eye protection / face protection.

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If swallowed: Call a poison center/doctor if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Store in accordance with local/regional/national/international regulations.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 67-63-0	Isopropanol	99.009%
CAS: 75-09-2	Dichloromethane (Methylene Chloride)	0.99%

· **Table of Nonhazardous Ingredients**

CAS: 8002-05-9	Petroleum	0.0002%
CAS: 71-43-2	Benzene	0.0001%
CAS: 91-20-3	Naphthalene	0.0001%
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	0.0001%
CAS: 106-97-8	butane, pure	0.0001%
CAS: 108-88-3	Toluene	0.0001%
CAS: 109-66-0	Pentane	0.0001%
CAS: 110-54-3	Hexane	0.0001%
CAS: 1330-20-7	Xylene (Xylol)	0.0001%
CAS: 7783-06-4	hydrogen sulfide	0.0001%

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· PAC-1:

CAS: 67-63-0	Isopropanol	400 ppm
CAS: 75-09-2	Dichloromethane (Methylene Chloride)	200 ppm
CAS: 8002-05-9	Petroleum	1,100 mg/m ³
CAS: 71-43-2	Benzene	52 ppm
CAS: 91-20-3	Naphthalene	15 ppm
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	33 ppm
CAS: 106-97-8	butane, pure	5500 ppm
CAS: 108-88-3	Toluene	67 ppm
CAS: 109-66-0	Pentane	3000* ppm
CAS: 110-54-3	Hexane	400 ppm
CAS: 1330-20-7	Xylene (Xylol)	130 ppm
CAS: 7783-06-4	hydrogen sulfide	0.51 ppm

· PAC-2:

CAS: 67-63-0	Isopropanol	2000* ppm
CAS: 75-09-2	Dichloromethane (Methylene Chloride)	560 ppm
CAS: 8002-05-9	Petroleum	1,800 mg/m ³
CAS: 71-43-2	Benzene	800 ppm
CAS: 91-20-3	Naphthalene	83 ppm
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	1100 ppm

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CAS: 106-97-8	butane, pure	17000 ppm
CAS: 108-88-3	Toluene	560 ppm
CAS: 109-66-0	Pentane	33000*** ppm
CAS: 110-54-3	Hexane	2900 ppm
CAS: 1330-20-7	Xylene (Xylol)	920* ppm
CAS: 7783-06-4	hydrogen sulfide	27 ppm

· PAC-3:

CAS: 67-63-0	Isopropanol	12000** ppm
CAS: 75-09-2	Dichloromethane (Methylene Chloride)	6900 ppm
CAS: 8002-05-9	Petroleum	40,000 mg/m ³
CAS: 71-43-2	Benzene	4000* ppm
CAS: 91-20-3	Naphthalene	500 ppm
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	1800 ppm
CAS: 106-97-8	butane, pure	53000 ppm
CAS: 108-88-3	Toluene	3700 ppm
CAS: 109-66-0	Pentane	200000 ppm
CAS: 110-54-3	Hexane	8600 ppm
CAS: 1330-20-7	Xylene (Xylol)	2500* ppm
CAS: 7783-06-4	hydrogen sulfide	50 ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**

· Components with limit values that require monitoring at the workplace:

CAS: 67-63-0 Isopropanol

PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 491 mg/m ³ , 200 ppm BEI, A4

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CAS: 75-09-2 Dichloromethane (Methylene Chloride)

PEL	Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910.1052
REL	See Pocket Guide App. A
TLV	Long-term value: 174 mg/m ³ , 50 ppm BEI, A3

· Ingredients with biological limit values:

CAS: 67-63-0 Isopropanol

BEI	40 mg/L LD50 Intraperitoneal: urine Time: end of shift at end of workweek LD50: Acetone (background, nonspecific)
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CAS: 75-09-2 Dichloromethane (Methylene Chloride)

BEI	0.3 mg/L LD50 Intraperitoneal: urine Time: end of shift LD50: Dichloromethane (semi-quantitative)
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· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.

· Breathing equipment: Not required.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:	Liquid
· Color:	Light brown
· Odor:	Characteristic
· Odor threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

· Melting point/Melting range:	-89.5 °C (-129.1 °F)
· Boiling point/Boiling range:	108 °C (226.4 °F)

· Flash point: Not applicable.

· Flammability: Not applicable.

· Auto igniting: 425 °C (797 °F)

· Decomposition temperature: Not determined.

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

· Lower:	2 Vol %
· Upper:	12 Vol %

· Vapor pressure at 20 °C (68 °F): 43 hPa (32.3 mm Hg)

· Density at 20 °C (68 °F): 0.80683 g/cm³ (6.733 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

· Dynamic:	Not determined.
· Kinematic:	Not determined.

· Solvent content:

· Organic solvents:	100.0 %
· VOC content:	99.01 %
	798.8 g/l / 6.67 lb/gal

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Solids content: 0.0 %

Other information No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

CAS: 67-63-0	Isopropanol	3
CAS: 75-09-2	Dichloromethane (Methylene Chloride)	2A
CAS: 8002-05-9	Petroleum	3
CAS: 71-43-2	Benzene	1
CAS: 91-20-3	Naphthalene	2B
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	2B
CAS: 108-88-3	Toluene	3
CAS: 1330-20-7	Xylene (Xylol)	3

- **NTP (National Toxicology Program)**

CAS: 75-09-2	Dichloromethane (Methylene Chloride)	R
CAS: 71-43-2	Benzene	K
CAS: 91-20-3	Naphthalene	R

- **OSHA-Ca (Occupational Safety & Health Administration)**

CAS: 75-09-2	Dichloromethane (Methylene Chloride)	
CAS: 71-43-2	Benzene	

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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*

14 Transport information

· UN-Number	
· DOT, ADN, IMDG, IATA	Not regulated
· UN proper shipping name	
· DOT, ADN, IMDG, IATA	Not regulated
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	Not regulated
· Packing group	
· DOT, IMDG, IATA	Not regulated
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Not regulated

US
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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

CAS: 7783-06-4	hydrogen sulfide
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· **Section 313 (Specific toxic chemical listings):**

CAS: 67-63-0	Isopropanol
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CAS: 75-09-2	Dichloromethane (Methylene Chloride)
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CAS: 71-43-2	Benzene
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CAS: 91-20-3	Naphthalene
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CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%
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CAS: 108-88-3	Toluene
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CAS: 110-54-3	Hexane
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CAS: 1330-20-7	Xylene (Xylol)
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CAS: 7783-06-4	hydrogen sulfide
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· **TSCA (Toxic Substances Control Act):**

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

Isopropanol	ACTIVE
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Dichloromethane (Methylene Chloride)	ACTIVE
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Petroleum	ACTIVE
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Benzene	ACTIVE
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Naphthalene	ACTIVE
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Ethylbenzene, Anhydrous, 99.8%	ACTIVE
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butane, pure	ACTIVE
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Toluene	ACTIVE
---------	--------

Pentane	ACTIVE
---------	--------

Hexane	ACTIVE
--------	--------

Xylene (Xylol)	ACTIVE
----------------	--------

hydrogen sulfide	ACTIVE
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· **Hazardous Air Pollutants**

CAS: 75-09-2	Dichloromethane (Methylene Chloride)
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CAS: 71-43-2	Benzene
--------------	---------

CAS: 91-20-3	Naphthalene
--------------	-------------

CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%
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CAS: 108-88-3	Toluene
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CAS: 110-54-3	Hexane
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CAS: 1330-20-7	Xylene (Xylol)
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· **Proposition 65**

· **Chemicals known to cause cancer:**

CAS: 75-09-2	Dichloromethane (Methylene Chloride)
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CAS: 71-43-2	Benzene
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CAS: 91-20-3	Naphthalene
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CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%
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· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

CAS: 71-43-2	Benzene
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CAS: 110-54-3	Hexane
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· Chemicals known to cause developmental toxicity:

CAS: 71-43-2	Benzene
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CAS: 108-88-3	Toluene
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· Carcinogenic categories

· EPA (Environmental Protection Agency)

CAS: 75-09-2	Dichloromethane (Methylene Chloride)	L
CAS: 71-43-2	Benzene	A, K/L
CAS: 91-20-3	Naphthalene	C, CBD
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	D
CAS: 108-88-3	Toluene	II
CAS: 110-54-3	Hexane	II
CAS: 1330-20-7	Xylene (Xylol)	I
CAS: 7783-06-4	hydrogen sulfide	I

· TLV (Threshold Limit Value)

CAS: 67-63-0	Isopropanol	A4
CAS: 75-09-2	Dichloromethane (Methylene Chloride)	A3
CAS: 71-43-2	Benzene	A1
CAS: 91-20-3	Naphthalene	A4
CAS: 100-41-4	Ethylbenzene, Anhydrous, 99.8%	A3
CAS: 108-88-3	Toluene	A4
CAS: 1330-20-7	Xylene (Xylol)	A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

CAS: 75-09-2	Dichloromethane (Methylene Chloride)
--------------	--------------------------------------

CAS: 71-43-2	Benzene
--------------	---------

· GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms



GHS07 GHS08

· Signal word Warning

· Hazard-determining components of labeling:

Dichloromethane (Methylene Chloride)

· Hazard statements

Causes serious eye irritation.

Suspected of causing cancer.

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- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash thoroughly after handling.

Wear protective gloves / eye protection / face protection.

If swallowed: Call a poison center/doctor if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Store in accordance with local/regional/national/international regulations.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**

- **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environment protection department.

- **Contact:**

Date of Preparation / Last Revision:

- **Date of preparation / last revision**

Revision 1.2, 10-31-2025: Reviewed SDS for accuracy. STN

10/31/2025 / -

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A

Carcinogenicity 2: Carcinogenicity – Category 2

- *** Data compared to the previous version altered.**