Safety Data Sheet
acc. to OSHA HCS

Date of issue: 10/05/2026 Revision date 10/05/2026

1 Identification

· **Product identifier**

· **Trade name: Residual Solvents Mixture - Minnesota (CRM)**
· **Other means of identification**

· **Article number:** 46787
· **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**
This product is for research use - Not for human or veterinary diagnostic or therapeutic use.

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Cayman Chemical Co.
1180 E. Ellsworth Rd.
Ann Arbor, MI 48108
USA

· **Information department:** Product safety department
· **Emergency telephone number:**
During normal opening times: +1 (734) 971-3335
US/CANADA: 800-424-9300
Outside US/CANADA: 703-741-5970

2 Hazard(s) identification

· **Classification of the substance or mixture**


GHS08 Health hazard

Carcinogenicity 2	H351 Suspected of causing cancer.
Reproductive toxicity 1B	H360 May damage fertility or the unborn child.


GHS07

Acute toxicity - dermal 4	H312 Harmful in contact with skin.
Acute toxicity - inhalation 4	H332 Harmful if inhaled.
Flammable liquids 4	H227 Combustible liquid.
Aquatic Acute 3	H402 Harmful to aquatic life.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

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



GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
N,N-dimethylacetamide
Dichloromethane
Methanol
toluene
· **Hazard statements**
H227 Combustible liquid.
H312+H332 Harmful in contact with skin or if inhaled.
H351 Suspected of causing cancer.
H360 May damage fertility or the unborn child.
H412 Harmful to aquatic life with long lasting effects.
· **Precautionary statements**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 If on skin: Wash with plenty of water.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a poison center/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use CO_2, powder or water spray to extinguish.
P403 Store in a well-ventilated place.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Information pertaining to particular dangers for man and environment:**
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 2
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = *1
Fire = 2
Reactivity = 0

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· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Classification according to (d)(1)(ii) of § 1910.1200**
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
· **Hazards not otherwise classified**
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

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

· **Dangerous components:**		
CAS: 127-19-5 RTECS: AB 7700000	N,N-dimethylacetamide	94.77%
CAS: 67-56-1 RTECS: PC1400000	Methanol	0.5%
CAS: 110-82-7 RTECS: GU 6300000	cyclohexane	0.5%
CAS: 142-82-5 RTECS: MI7700000	Heptane	0.5%
CAS: 75-09-2 RTECS: PA8050000	Dichloromethane	0.1%
CAS: 108-88-3 RTECS: XS 5250000	toluene	0.1%
CAS: 110-54-3 RTECS: MN9275000	Hexane	0.1%

· **Other ingredients**		
CAS: 64-17-5 RTECS: KQ6300000	ethanol	0.5%
CAS: 67-63-0 RTECS: NT8050000	Isopropyl alcohol	0.5%
CAS: 67-64-1 RTECS: AL3150000	Acetone	0.5%
CAS: 109-66-0 RTECS: RZ 9450000	pentane	0.5%
CAS: 141-78-6 RTECS: AH5425000	Ethyl Acetate	0.5%
CAS: 95-47-6 RTECS: ZE 2450000	o-xylene	0.3%
CAS: 106-42-3 RTECS: ZE 2625000	p-xylene	0.3%
CAS: 108-38-3 RTECS: ZE 2275000	m-xylene	0.3%

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CAS: 67-66-3 RTECS: FS9100000	Chloroform	0.01%
CAS: 71-43-2 RTECS: CY1400000	Benzene	0.01%
CAS: 79-01-6	trichloroethylene	0.01%

4 First-aid measures

· **Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately rinse with water.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult 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:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required
· **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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.
Ensure adequate ventilation.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
127-19-5	N,N-dimethylacetamide	30 ppm
64-17-5	ethanol	1800 ppm

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67-56-1	Methanol	530 ppm
67-63-0	Isopropyl alcohol	400 ppm
67-64-1	Acetone	200 ppm
109-66-0	pentane	630 ppm
110-82-7	cyclohexane	800 ppm
141-78-6	Ethyl Acetate	1200 ppm
142-82-5	Heptane	500 ppm
108-38-3	m-xylene	130 ppm
75-09-2	Dichloromethane	200 ppm
108-88-3	toluene	67 ppm
110-54-3	Hexane	400 ppm
67-66-3	Chloroform	2.0 ppm
71-43-2	Benzene	52 ppm
79-01-6	trichloroethylene	130 ppm

· **PAC-2:**

127-19-5	N,N-dimethylacetamide	67 ppm
64-17-5	ethanol	3300 ppm
67-56-1	Methanol	2100 ppm
67-63-0	Isopropyl alcohol	2000 ppm
67-64-1	Acetone	3200 ppm
109-66-0	pentane	2500 ppm
110-82-7	cyclohexane	1700 ppm
141-78-6	Ethyl Acetate	1700 ppm
142-82-5	Heptane	830 ppm
108-38-3	m-xylene	920 ppm
75-09-2	Dichloromethane	560 ppm
108-88-3	toluene	560 ppm
110-54-3	Hexane	2900 ppm
67-66-3	Chloroform	64 ppm
71-43-2	Benzene	800 ppm
79-01-6	trichloroethylene	450 ppm

· **PAC-3:**

127-19-5	N,N-dimethylacetamide	400 ppm
64-17-5	ethanol	15000 ppm
67-56-1	Methanol	7200 ppm
67-63-0	Isopropyl alcohol	12000 ppm
67-64-1	Acetone	5700 ppm
109-66-0	pentane	15000 ppm
110-82-7	cyclohexane	10000 ppm
141-78-6	Ethyl Acetate	10000 ppm
142-82-5	Heptane	5000 ppm
108-38-3	m-xylene	2500 ppm
75-09-2	Dichloromethane	6900 ppm
108-88-3	toluene	3700 ppm

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110-54-3	Hexane	8600 ppm
67-66-3	Chloroform	3200 ppm
71-43-2	Benzene	4000 ppm
79-01-6	trichloroethylene	3800 ppm

· **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.

7 Handling and storage

· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
· **Information about protection against explosions and fires:**
Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:** Store in accordance with information listed on the product insert.
· **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

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
127-19-5 N,N-dimethylacetamide	
PEL	Long-term value: 35 mg/m³, 10 ppm Skin
REL	Long-term value: 35 mg/m³, 10 ppm Skin
TLV	Long-term value: 36 mg/m³, 10 ppm Skin; BEI, A3
67-56-1 Methanol	
PEL	Long-term value: 260 mg/m³, 200 ppm
REL	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin
TLV	Short-term value: 328 mg/m³, 250 ppm Long-term value: 262 mg/m³, 200 ppm Skin; BEI-C
110-82-7 cyclohexane	
PEL	Long-term value: 1050 mg/m³, 300 ppm
REL	Long-term value: 1050 mg/m³, 300 ppm

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TLV	Long-term value: 100 ppm BEI
142-82-5 Heptane	
PEL	Long-term value: 2000 mg/m³, 500 ppm
REL	Long-term value: 350 mg/m³, 85 ppm Ceiling limit value: 1800* mg/m³, 440* ppm *15-min
TLV	Short-term value: 400 ppm Long-term value: 200 ppm OTO
75-09-2 Dichloromethane	
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/m³, 50 ppm BEI, A3
108-88-3 toluene	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm BEI, OTO, A4
110-54-3 Hexane	
PEL	Long-term value: 1800 mg/m³, 500 ppm
REL	Long-term value: 180 mg/m³, 50 ppm
TLV	Long-term value: 176 mg/m³, 50 ppm Skin; BEI

· **Ingredients with biological limit values:**

127-19-5 N,N-dimethylacetamide	
BEI	30 mg/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: N-Methylacetamide
67-56-1 Methanol	
BEI	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
110-82-7 cyclohexane	
BEI	50 mg/g creatinine Medium: - Time: End of shift, end of working week Parameter: 1.2-Cyclohexanediol (non-specific, with hydrolysis)

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75-09-2 Dichloromethane	
BEI	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
108-88-3 toluene	
BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
110-54-3 Hexane	
BEI	0.5 mg/L Medium: urine Time: end of shift Parameter: 2.5-Hexanedione without hydrolysis

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **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 and skin.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **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.

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· **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.
· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Liquid
· **Color:**	According to product specification
· **Odor:**	Characteristic
· **Storage Buffer**	
· **Odor threshold:**	Not determined
· **Formulation**	
· **Melting point/Melting range:**	Undetermined
· **Boiling point/Boiling range:**	Undetermined
· **Flammability:**	Not applicable
· **Explosion limits:**	
· **Lower:**	Not determined
· **Upper:**	Not determined
· **Flash point:**	66 °C (150.8 °F)
· **Decomposition temperature:**	Not determined
· **pH-value:**	Not determined
· **Viscosity:**	
· **Kinematic:**	Not determined
· **SOLUBILITY**	
· **Dynamic:**	Not determined
· **Solubility in / Miscibility with**	
· **Water:**	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined
· **Vapor pressure:**	Not determined
· **Vapor pressure:**	
· **Density:**	Not determined
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Particle characteristics**	Not applicable

· **Other information**	
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Not determined
· **Solvent content:**	
· **Organic solvents:**	5.2 %
· **VOC content:**	4.62 % 46.2 g/l / 0.39 lb/gal

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· **Change in condition**
· **Evaporation rate** Not determined

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:**

· **LD/LC50 values that are relevant for classification:**		
ATE (Acute Toxicity Estimate)		
Oral	LD50	20,020 mg/kg (rat)
Dermal	LD50	1,139 mg/kg
Inhalative	LC50/4 h	11.4 mg/l

127-19-5 N,N-dimethylacetamide		
Oral	LD50	4,930 mg/kg (rat)
Dermal	LD50	2,240 mg/kg (rabbit)

67-56-1 Methanol		
Oral	LD50	100.1 mg/kg (rat) (Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) Symptoms: Nausea, Vomiting
Dermal	LD50	300.1 mg/kg (rabbit) (Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)
Inhalative	LC50/4 h	3.1 mg/l (rat) (Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) Symptoms: Irritation symptoms in the respiratory tract.

110-82-7 cyclohexane		
Oral	LD50	12,705 mg/kg (rat)

142-82-5 Heptane		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

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Inhalative	LC50	>29.9 mg/l (rat)
75-09-2 Dichloromethane		
Oral	LD50	>2,000 mg/kg (rat) OECD Test Guideline 401
Dermal	LD50	>2,000 mg/kg (rat) OECD Test Guideline 402
Inhalative	LC50/4 h	86 mg/l (rat)
108-88-3 toluene		
Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)
110-54-3 Hexane		
Oral	LD50	16,000 mg/kg (rat)
Dermal	LD50	>3,350 mg/kg (rabbit)
Inhalative	LC50	>17,600 mg/m³ (rat)

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
· **Interactive effects** No interactive effects between components are known.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
127-19-5	N,N-dimethylacetamide	2B
64-17-5	ethanol	1
67-63-0	Isopropyl alcohol	3
95-47-6	o-xylene	3
106-42-3	p-xylene	3
108-38-3	m-xylene	3
75-09-2	Dichloromethane	2A
108-88-3	toluene	3
67-66-3	Chloroform	2B
71-43-2	Benzene	1
79-01-6	trichloroethylene	1

· **NTP (National Toxicology Program)**		
75-09-2	Dichloromethane	R
67-66-3	Chloroform	R
71-43-2	Benzene	K
79-01-6	trichloroethylene	K

· **OSHA-Ca (Occupational Safety & Health Administration)**	
75-09-2	Dichloromethane
71-43-2	Benzene

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· **Alternative sources for toxicological information**
No non-standard sources for toxicological information where used.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects**
· **Remark:** Harmful to fish
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

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, IMDG, IATA**	not regulated
· **UN proper shipping name**	
· **DOT, IMDG, IATA**	not regulated
· **Transport hazard class(es)**	
· **DOT, ADN, IMDG, IATA**	
· **Class**	not regulated
· **Packing group**	
· **DOT, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable

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· **Transport/Additional information:**

· **IATA**

· **Remarks:**	When sold in quantities of less than or equal to 1 mL, or 1 g, with an Excepted Quantity Code of E1, E2, E4, or E5, this item meets the De Minimis Quantities exemption, per IATA 2.6.10. Therefore packaging does not have to be labeled as Dangerous Goods/Excepted Quantity.
· **Special precautions for user**	Not applicable
· **UN "Model Regulation":**	not regulated

15 Regulatory information

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

· **Sara**

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

67-66-3	Chloroform

· **Section 313 (Specific toxic chemical listings):**

67-56-1	Methanol
67-63-0	Isopropyl alcohol
110-82-7	cyclohexane
95-47-6	o-xylene
106-42-3	p-xylene
108-38-3	m-xylene
75-09-2	Dichloromethane
108-88-3	toluene
110-54-3	Hexane
67-66-3	Chloroform
71-43-2	Benzene
79-01-6	trichloroethylene

· **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.

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

67-56-1	Methanol
95-47-6	o-xylene
106-42-3	p-xylene
108-38-3	m-xylene
75-09-2	Dichloromethane
108-88-3	toluene
110-54-3	Hexane
67-66-3	Chloroform
71-43-2	Benzene

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79-01-6	trichloroethylene

· **Chemicals known to cause cancer:**

127-19-5	N,N-dimethylacetamide
75-09-2	Dichloromethane
67-66-3	Chloroform
71-43-2	Benzene
79-01-6	trichloroethylene

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

127-19-5	N,N-dimethylacetamide
110-54-3	Hexane
71-43-2	Benzene
79-01-6	trichloroethylene

· **Chemicals known to cause developmental toxicity:**

127-19-5	N,N-dimethylacetamide
64-17-5	ethanol
67-56-1	Methanol
108-88-3	toluene
67-66-3	Chloroform
71-43-2	Benzene
79-01-6	trichloroethylene

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	Acetone	I
110-82-7	cyclohexane	I
142-82-5	Heptane	D
95-47-6	o-xylene	I
106-42-3	p-xylene	I
108-38-3	m-xylene	I
75-09-2	Dichloromethane	L
108-88-3	toluene	II
110-54-3	Hexane	II
67-66-3	Chloroform	B2, L, NL
71-43-2	Benzene	A, K/L
79-01-6	trichloroethylene	CaH

· **TLV (Threshold Limit Value)**

127-19-5	N,N-dimethylacetamide	A4
64-17-5	ethanol	A3
67-63-0	Isopropyl alcohol	A4
67-64-1	Acetone	A4
95-47-6	o-xylene	A4
106-42-3	p-xylene	A4

(Contd. on page 15)

Safety Data Sheet
acc. to OSHA HCS

Date of issue: 10/05/2026 Revision date 10/05/2026

Trade name: Residual Solvents Mixture - Minnesota (CRM)

(Contd. from page 14)

108-38-3	m-xylene	A4
75-09-2	Dichloromethane	A3
108-88-3	toluene	A4
67-66-3	Chloroform	A3
71-43-2	Benzene	A1
79-01-6	trichloroethylene	A2

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**	
75-09-2	Dichloromethane
67-66-3	Chloroform
71-43-2	Benzene
79-01-6	trichloroethylene

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

16 Other information

· **Department issuing SDS:** Environment protection department.
· **Contact:** -
· **Date of preparation** 10/05/2026
· **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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
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
Flammable liquids 4: Flammable liquids – Category 4
Acute toxicity - dermal 4: Acute toxicity – Category 4
Carcinogenicity 2: Carcinogenicity – Category 2
Reproductive toxicity 1B: Reproductive toxicity – Category 1B
Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3