



# Safety Data Sheet

Issue Date: 12-Jun-2006

Revision Date: 24-Nov-2017

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Low Odor Stripper

### Other means of identification

**SDS #** NAP00018R

**UN/ID No** UN1593

### Recommended use of the chemical and restrictions on use

**Recommended Use** Used for kitchen and bath refinishing.

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

North America Polymer Company, Ltd.

7315 Hamlin Ave

Skokie, IL 60076 USA

#### **Emergency Telephone Number**

#### **Company Phone Number**

800-888-1081 / 847-779-6464

#### **Emergency Telephone (24 hr)**

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Thick, orange to yellow  
opaque paste

**Physical state** Liquid

### Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 1

### Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

May be harmful if inhaled

### Signal Word

**Danger**

### Hazard statements

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

Causes damage to organs

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear eye/face protection  
 Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

IF exposed: Call a POISON CENTER or doctor/physician  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Methylene chloride	75-09-2	80-90
Methanol	67-56-1	5-10
Petroleum Distillates, Hydrotreated light	64742-47-8	<5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST AID MEASURES

### First Aid Measures

<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.
<b>Skin Contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Call a poison center or doctor/physician if you feel unwell.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

### Most important symptoms and effects

<b>Symptoms</b>	Harmful if swallowed. May be harmful if inhaled. Causes eye irritation. Causes skin irritation. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness. Will cause gastrointestinal tract irritation. Stomach ache, nausea, vomiting, dullness, visual disorder and blindness. The mixture will irritate the mucous membrane if ingested and could be fatal.
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### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Provide general supportive measures and treat symptomatically. Aggravates diseases of the blood, skin, eyes, liver, kidneys, lungs, cardiovascular, pulmonary and respiratory systems as well as alcoholism and rhythm disorders of the heart. THIS PRODUCT CONTAINS METHANOL AND METHYLENE CHLORIDE. Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances, and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis. Adrenalin should never be given to a person overexposed to methylene chloride. This material sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmia in individuals exposed to this material. This material is metabolized to carbon monoxide. Consequently, elevations in carboxyhemoglobin as high as 50% have been reported, and levels may continue to rise for several hours after exposure has ceased. Data in experimental animals suggest there is a narrow margin between concentrations causing anesthesia and death.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical or CO<sub>2</sub>. Foam.

**Unsuitable Extinguishing Media** Water spray may be ineffective. If water is used, fog nozzles are preferable.

### Specific Hazards Arising from the Chemical

Water may be used to cool closed containers to prevent pressure buildups and possible ignition or explosion when exposed to extreme heat. Contact of liquid or vapor with flame or hot surfaces will produce toxic gases and a corrosive residue that will cause deterioration of metal.

**Hazardous Combustion Products** Carbon oxides.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads or containers that been exposed to intense heat or flame.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

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|---------------------------------|---|
| <b>Personal Precautions</b>     | In case of a spill, clear the affected area and protect people. Wear protective clothing as described in Section 8 of this safety data sheet. |
| <b>For Emergency Responders</b> | Remove all sources of ignition. Full-body chemical protective clothing is recommended for emergency response procedures.                      |

**Environmental precautions**

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|----------------------------------|---|
| <b>Environmental precautions</b> | See Section 12 for additional Ecological Information. |
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**Methods and material for containment and cleaning up**

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|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. For small spills, absorb on polypads or other suitable non-reactive absorbent materials. Dike to collect large liquid spills.  |
| <b>Methods for Clean-Up</b>    | Eliminate all sources of ignition. Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. |

**7. HANDLING AND STORAGE****Precautions for safe handling**

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| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only in well-ventilated areas. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. |
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**Conditions for safe storage, including any incompatibilities**

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|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store and transport in an automobile. Keep locked up and out of reach of children. Exposure to temperatures in excess of 90 degrees Fahrenheit or prolonged exposure to sun may cause can to leak or swell. Once opened, remover should be used within six months or discarded to avoid can deterioration. |
| <b>Incompatible Materials</b> | Bases. Strong acids. Strong oxidizing agents. Sodium. Potassium. Reactive metals.  |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methylene chloride 75-09-2	TWA: 50 ppm	TWA: 25 ppm (vacated) TWA: 500 ppm (vacated) STEL: 2000 ppm 5 min in any 3 h (vacated) Ceiling: 1000 ppm STEL: 125 ppm see 29 CFR 1910.1052	IDLH: 2300 ppm
Methanol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Ensure that eyewash stations and safety showers are close to the workstation location.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Splash goggles or safety glasses. Face shield. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection**

Wear gloves with as much resistance to the chemical ingredients as possible. Laminate film gloves offer the best protection. Other glove materials, such as nitrile rubber, neoprene, and PVC will be degraded by methylene chloride, but may provide protection for some amount of time, based on the type of glove and the conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused. Wear protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection**

If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29CFR 1910.134), applicable U.S. State regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Not determined
<b>Appearance</b>	Thick, orange to yellow opaque paste	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow/orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.5-10.5	
Melting Point/Freezing Point	No data	
Boiling Point/Boiling Range	40.5 °C / 105 °F	

<b>Flash Point</b>	No data	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	12%	
<b>Vapor Pressure</b>	286.5 mmHG	@ 20°C (68°F)
<b>Vapor Density</b>	>1	
<b>Relative Density</b>	No data	
<b>Water Solubility</b>	Slight	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

**Other Information**

<b>VOC Content (%)</b>	95%
<b>Density</b>	10.04 lbs/gal

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
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**Conditions to Avoid**

Excessive heat, sparks and flames.

**Incompatible Materials**

Bases. Strong acids. Strong oxidizing agents. Sodium. Potassium. Reactive metals.

**Hazardous Decomposition Products**

Hydrogen chloride. Chlorine. Phosgene. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Causes serious eye irritation.
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<b>Skin Contact</b>	Causes skin irritation.
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<b>Inhalation</b>	May be harmful if inhaled.
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<b>Ingestion</b>	Harmful if swallowed.
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**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methylene chloride 75-09-2	= 1600 mg/kg ( Rat )	-	= 53 mg/L ( Rat ) 6 h = 76000 mg/m <sup>3</sup> ( Rat ) 4 h
Methanol 67-56-1	= 6200 mg/kg ( Rat )	= 15800 mg/kg ( Rabbit )	= 64000 ppm ( Rat ) 4 h = 22500 ppm ( Rat ) 8 h
Petroleum Distillates, Hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Suspected of causing cancer.

Chemical Name	ACGIH	IARC	NTP	OSHA
Methylene chloride 75-09-2	A3	Group 2A	Reasonably Anticipated	X

**Legend**

- ACGIH (*American Conference of Governmental Industrial Hygienists*)
- A3 - *Animal Carcinogen*
- IARC (*International Agency for Research on Cancer*)
- Group 2A - *Probably Carcinogenic to Humans*
- NTP (*National Toxicology Program*)
- Reasonably Anticipated - *Reasonably Anticipated to be a Human Carcinogen*
- OSHA (*Occupational Safety and Health Administration of the US Department of Labor*)
- X - *Present*

**STOT - single exposure** Causes damage to organs. Eyes. Skin. Digestive System.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

- ATEmix (oral) 636.00 mg/kg
- ATEmix (dermal) 2,795.00 mg/kg mg/L
- ATEmix (inhalation-vapor) 30.00 mg/L

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methylene chloride 75-09-2	500: 96 h Pseudokirchneriella subcapitata mg/L EC50 500: 72 h Pseudokirchneriella subcapitata mg/L EC50	193: 96 h Lepomis macrochirus mg/L LC50 flow-through 193: 96 h Lepomis macrochirus mg/L LC50 static 262 - 855: 96 h Pimephales promelas mg/L LC50 static 140.8 - 277.8: 96 h Pimephales promelas mg/L LC50 flow-through	1532 - 1847: 48 h Daphnia magna mg/L EC50 Static 190: 48 h Daphnia magna mg/L EC50
Methanol 67-56-1		18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	

Petroleum Distillates, Hydrotreated light 64742-47-8		2.2: 96 h Lepomis macrochirus mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	4720: 96 h Den-dronereides heteropoda mg/L LC50
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**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Methylene chloride 75-09-2	1.25
Methanol 67-56-1	-0.77

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number**

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methylene chloride 75-09-2	U080	Included in waste streams: F001, F002, F024, F025, F039, K009, K010, K156, K157, K158		U080
Methanol 67-56-1		Included in waste stream: F039		U154

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Methylene chloride 75-09-2	Category I - Volatiles		Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	



**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Methylene chloride 75-09-2	Toxic
Methanol 67-56-1	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**Note** Based on package size, product may be eligible for limited quantity exception.

**DOT**

UN/ID No UN1593  
 Proper Shipping Name Dichloromethane solution  
 Hazard Class 6.1  
 Packing Group III

**IATA**

UN/ID No UN1593  
 Proper Shipping Name Dichloromethane solution  
 Hazard Class 6.1  
 Packing Group III

**IMDG**

UN/ID No UN1593  
 Proper Shipping Name Dichloromethane solution  
 Hazard Class 6.1  
 Packing Group III

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Methylene chloride	X	X	X	Present	X	Present	X	X
Methanol	X	X	X	Present	X	Present	X	X
Ammonium oleate	X	X	X		X	Present	X	X
Petroleum Distillates, Hydrotreated light	X	X	X		X	Present	X	X

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methylene chloride 75-09-2	1000 lb 1 lb		RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
Methanol 67-56-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Methylene chloride - 75-09-2	75-09-2	80-90	0.1
Methanol - 67-56-1	67-56-1	5-10	1.0
Ammonium oleate - 544-60-5	544-60-5	<5	1.0

**CWA (Clean Water Act)**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Methylene chloride		X	X	

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Methylene chloride - 75-09-2	Carcinogen
Methanol - 67-56-1	Developmental

**U.S. State Right-to-Know Regulations**

Not determined

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methylene chloride 75-09-2	X	X	X
Methanol 67-56-1	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	1	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	Not determined	Not determined	Not determined	Not determined

Issue Date: 12-Jun-2006  
 Revision Date: 24-Nov-2017  
 Revision Note: Logo Change

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**