



CHEM GROUP US

Safety Data Sheet
PolyClean Max LV (low viscosity)

issue date: 9/19/2025

SECTION 1: Identification

1.1 GHS Product identifier

Product name PolyClean Max LV

1.3 Recommended use of the chemical and restrictions on use

Industrial cleaning agent. Intended for use in cleaning asphalt, tar, pitch, heavy hydrocarbon grease, hydrocarbon solids residue from equipment.

1.4 Supplier's details

Name Chem Group US
Address 2406 Lynch Road
Evansville IN 47711
USA

Telephone 812-759-8354
email kelder@chemgroupus.com

1.5 Emergency phone number 1-800-424-9300 Chemtrec

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

- Skin corrosion/irritation, Cat. 1
- Germ cell mutagenicity, Cat. 1B
- Carcinogenicity, Cat. 1A
- Toxic to reproduction, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictograms



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Signal word

Danger

Hazard statement(s)

H314
H340
H350
H360

Causes severe skin burns and eye damage
May cause genetic defects
May cause cancer
May damage fertility or the unborn child

Precautionary statement(s)

P201
P202
P260
P264
P280
P301+P330+P331
P303+P361+P353

P304+P340
P305+P351+P338

P308+P313
P310
P321
P363
P405
P501

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
Immediately call a POISON CENTER/doctor/...
Specific treatment (see ... on this label).
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Petroleum distillates, catalytic reformer fractionator residue, intermediate boiling

Concentration	40-60 % (weight)
CAS no.	68477-30-5

2. Petroleum distillates, light catalytic cracked

Concentration	40-60 % (weight)
CAS no.	64741-59-9

3. Benzene, ethylenated, residues

Concentration	2 - 5 % (weight)
EC no.	273-494-0
CAS no.	68987-42-8

4. POLYCYCLIC AROMATIC HYDROCARBONS

Concentration	2 - 5 % (weight)
CAS no.	mixture

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment. First Aid responders should pay attention to self protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.
If inhaled	Move person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.
In case of skin contact	Wash off with plenty of water. Suitable emergency safety shower facility should be available in work area. Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation or rash occurs. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.
In case of eye contact	Flush eyes thoroughly with water for several minutes. Remove contact lenses, if possible, after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist. Suitable emergency eye wash facility should be available in work area.
If swallowed	Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

4.2 Most important symptoms/effects, acute and delayed

May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility or the unborn child.

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

Notes to physician: Maintain adequate ventilation and oxygenation of the patient. If burn is present, treat as any thermal burn, after decontamination. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. The decision of whether to induce vomiting or not should be made by a physician. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. General purpose synthetic foams (including AFFF type) or protein foams are preferred if available. Alcohol resistant foams (ATC type) may function. Water fog, applied gently may be used as a blanket for fire extinguishment.

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5.2 Specific hazards arising from the chemical

Hazardous combustion products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.. Combustion products may include and are not limited to:.. Carbon monoxide.. Carbon dioxide.. Dense smoke is produced when product burns..

5.3 Special protective actions for fire-fighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry.. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Water fog, applied gently may be used as a blanket for fire extinguishment. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this SDS.

Further information

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, see Section 8 of the safety data sheet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to section 7, Handling, for additional precautionary measures. Keep upwind of spill. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

6.2 Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. Spills or discharge to natural waterways is likely to kill aquatic organisms.

6.3 Methods and materials for containment and cleaning up

Small spills: Non-combustible material. Large spills: Contain spilled material if possible. Dike area to contain spill. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Wash face, hands and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Contaminated work clothing must not be allowed out of the workplace.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and store in a cool, dry and well-ventilated place. INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. New chemical

2. Benzene, ethylenated, residues (CAS: 68987-42-8)

limits not established

3. Petroleum distillates, catalytic reformer fractionator residue, intermediate boiling (CAS: 68477-30-5)

limits not established

4. Polycyclic Aromatic hydrocarbons (CAS: mixture)

limits not established

8.2 Appropriate engineering controls

Maintain eye wash fountain and quick-drench facilities in work area. Maintain adequate ventilation.

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

Eye/face protection

safety goggles if risk of exposure is minimal. Full face shield and goggles if risk of splash to face is elevated.

Skin protection

Chemical protective apron or suit, chemical gloves, chemical boots to prevent skin exposure to material.

Respiratory protection

Wear full face respirator if vapors are irritating or ventilation limitations allow vapors to accumulate. Organic vapor filters should be used with respiratory protection.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Dark brown liquid
Color	dark brown
Odor	strong hydrocarbon
Odor threshold	No data available.
Melting point/freezing point	-29C/-20F
Boiling point or initial boiling point and boiling range	176C/350F
Flammability	Difficult to ignite under normal conditions
Lower and upper explosion limit/flammability limit	No data available.
Flash point	>135C/275F
Explosive properties	No data available.
Auto-ignition temperature	not determined
Decomposition temperature	not determined
Oxidizing properties	No data available.
pH	not determined
Kinematic viscosity	not determined
Solubility	negligible
Partition coefficient n-octanol/water (log value)	not determined
Vapor pressure	<1mm Hg
Evaporation rate	not determined
Density and/or relative density	>1

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Relative vapor density
Particle characteristics

>1
No data available.

Supplemental information regarding physical hazard classes

No data available.

Further safety characteristics (supplemental)

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions of use

10.2 Chemical stability

Material is stable under normal conditions of use

10.3 Possibility of hazardous reactions

Polymerization will not occur

10.4 Conditions to avoid

sources of ignition

10.5 Incompatible materials

Strong oxidizing materials

10.6 Hazardous decomposition products

carbon monoxide, carbon dioxide, aromatic hydrocarbon vapors

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ingestion of material may cause nausea, vomiting, diarrhea

Skin corrosion/irritation

Causes skin irritation and skin burn if left on skin

Serious eye damage/irritation

Causes serious eye irritation and tissue burns

Respiratory or skin sensitization

May cause upper respiratory irritation and coughing. Vapors are Central Nervous System depressants; may cause disorientation, nausea, and headache

Germ cell mutagenicity

Not determined

Carcinogenicity

May cause cancer. This product can contain Polycyclic Aromatic Hydrocarbons (PAHs) identified by IARC as carcinogens; Anthracene, Fluoranthene, Naphthalene, Phenanthrene, Pyrene

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Reproductive toxicity

May damage fertility or the unborn child

Specific target organ toxicity (STOT) - single exposure

Possible serious eye damage

Specific target organ toxicity (STOT) - repeated exposure

not specified

Aspiration hazard

Some degree of hazard if swallowed followed by vomiting

SECTION 12: Ecological information

Toxicity

Toxic to aquatic life and ecosystems

Persistence and degradability

Insoluble in water and heavier than water. Material will sink to bottom of body of water and slowly degrade

Bioaccumulative potential

Not determined

Mobility in soil

Low

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of waste materials in accordance with local, state, and federal waste regulations. Some localities or states may regulate components as "hazardous"

Packaging disposal

Check with local authorities before disposing of empty or used containers

Sewage disposal

Do not dispose of material in storm drains or sanitary sewer systems

SECTION 14: Transport information

DOT (US): not regulated unless shipped in bulk containers (IBC, intermodal portable tanks, highway cargo tank, tank car)

UN Number: UN3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (mixture of low/medium volatility hydrocarbons)

Class: 9

Packing Group: III

IMDG

UN Number: UN3082

Class: 9

Packing Group: III

EMS Number:

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.

IATA

UN Number: UN3082

Class: 9

Packing Group: III

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

US EPA TSCA public inventory

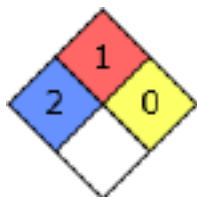
Chemical name: Benzene, ethylenated, residues

CAS number: 68987-42-8

HMIS Rating

PolyClean Max	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

NFPA Rating



SECTION 16: Other information

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.

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