

SECTION 1 IDENTIFICATION

Product Trade Name: Reynolds P.O.S.
Recommended Use: Dry Cleaning Spotter
Restrictions on Use: For Industrial and Institutional use only
Manufacturer: Maxim Chemical International Ltd.
 1305 Halifax Street, Regina, SK, S4R 1T9
 306-347-0444
Emergency Phone Number: Canada: Canutec 613-996-6666

SECTION 2 HAZARD IDENTIFICATION

Physical Hazards: FLAMMABLE LIQUIDS - Category 3
Health Hazards: SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
 REPRODUCTIVE TOXICITY - Category 2
 CARCINOGENICITY - Category 2
 SKIN CORROSION/ IRRITATION - Category 2
 EYE DAMAGE/ IRRITATION - Category 1

Label Elements:



Signal word: Danger
Hazard Statement: H226 Flammable liquid and vapor.
 H370 Causes damage to organs.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H361 Suspected of damaging fertility or the unborn child.
 H351 Suspected of causing cancer.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary Statements:

Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P240 Ground and bond container and receiving equipment.
 P241 Use explosion-proof [electrical/ ventilating/ lighting] equipment.
 P242 Use non-sparkling tool.
 P243 Take action to prevent static discharge.
 P260 Do not breathe dust/ fume/ gas/ mist/vapors/ spray.
 P264 Wash hands or affect area thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.

Responses: P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
 P314 Get medical advice/ attention if you feel unwell.
 P321 Specific treatment (see supplemental FIRST AID information on this label).
 P303 + P361 + P353 If ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P302 + P352 IF ON SKIN: Wash with plenty water.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/ doctor.
Storage: P405 Store locked up.
Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approx. Wt.%	CAS Number
Hexylene Glycol	11-13	107-41-5
Methylene Chloride	29-31	75-09-2
Toluene	18-20	108-88-3
Ethoxylated alcohol	8-9	68002-97-1
Pentyl Acetate	12-13	628-63-7
2-Methyl Butyl Acetate	7-8	624-41-9

SECTION 4 FIRST-AID MEASURES

Inhalation:	Remove person to fresh air. Seek medical attention. Give oxygen or artificial respiration as needed.
Skin Contact:	Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing/shoes and acquire medical attention. Note contaminated clothing can be a fire hazard.
Eye Contact:	Thoroughly flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.
Ingestion:	Do NOT induce vomiting. If victim is conscious and alert, rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

If irritation occurs or persists, get medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media:	Carbon dioxide (CO ₂), Dry chemical.
Flammability:	Flammable Liquid
Flash Point:	31°C
Special Firefighting Procedures:	Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situations. Do not allow run-off from firefighting to enter drains or water courses.
Unusual Fire / Explosion Hazards:	May produce a floating fire hazard. Static ignition hazard can result from handling and use. Vapors may travel to source of ignition and flash back. Vapors may settle in low or confined spaces.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Protection Precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Steps To Be Taken In Case Material Is Released Or Spilled: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7 HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure – obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Store at temperature below 30°C.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

OSHA (PEL): N/A

ACGIH TLV: N/A

Other exposure limit: N/A

Appropriate Engineering Controls: Good general ventilation.**Individual Protection Measures / Personal Protective Equipment:****Gloves:** Non-permeable gloves (rubber, nitrile) recommended.**Masks/Goggles:** Chemical goggles, safety goggles or face shield.**Respirator:** No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.**Apron:** Long sleeve coveralls. Eye wash recommended in the immediate work area.**Boots:** Not required for normal use of product.**Other Protective Equipment:** Eye wash, safety shower and full protective clothing recommended in the immediate work area.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid.
Odor:	Aromatic.
Odor threshold:	N/A
pH:	6.0
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	70 °C
Flash Point:	31 °C
Evaporation Rate (Water=1):	N/A
Flammability:	Flammable
Upper/Lower flammability or explosive limits:	N/A
Vapor pressure:	N/A
Vapor density:	N/A
Relative density/Specific gravity (Water = 1):	1.01 @ 20 °C
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	Vapours from this product are flammable and can ignite in the presence of a source of ignition. Closed containers exposed to heat may explode.
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatibility:	Aldehydes Chlorine, Ethylene oxide, Halogens, Isocyanates, Strong acids, Strong oxidizing agents
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11 TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, eyes, inhalation, ingestion.
Symptoms:	Prolonged exposure can cause irritation defatting and drying of the skin, or lead to dermatitis. Prolonged exposure to high vapour concentration can cause headache, dizziness, nausea and central nervous system depression. Maybe absorbed through intact skin. Can cause irritation to the nose, throat and respiratory tract. If ingested can cause irritation, a burning sensation of the mouth

Acute Toxicity:
Carcinogenicity:

and throat and abdominal pain. Corrosive to eyes.
>2000mg/kg (oral), >2000 mg/kg (dermal)
Methylene Chloride is classified as a suspected carcinogen by
ACGIH, IARC, NTP and NIOSH.

SECTION 12 ECOLOGICAL INFORMATION

Not required.

SECTION 13 DISPOSAL CONSIDERATIONS

Recommended Waste Disposal Methods: Vapors may collect in empty containers. Treat empty containers as hazardous. Dispose of spill- cleanup and other wastes in accordance with federal, state, and local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 14 TRANSPORT INFORMATION

Canadian TDG

UN Number:

UN1993

UN Proper Shipping Name:

FLAMMABLE LIQUID, N.O.S. (Toluene)

Transport Hazard Class(es):

3

Packing Group:

III

SECTION 15 REGULATORY INFORMATION

HAZARD RATING INFORMATION

4=Extreme
3=High
2=Moderate
1=Slight
0=Insignificant

HMIS

2	Health
3	Flammability
0	Reactivity
B	Personal

A=Gloves, B=Goggles & Gloves
C=Goggles, Gloves and Apron

**HMIS Protection
Group B**



All pertinent hazard information has been provided in this SDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).

SECTION 16 OTHER INFORMATION

Acronym List:

ACGIH	American Conference of Governmental Industrial Hygienists
CFR	Code of Federal Regulations
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MSHA	Mine Safety and Health Administration
N/A	Not available
NIOSH	The National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
UN	United Nations
WHMIS	Workplace Hazardous Materials Information System

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Maxim Chemical International Ltd.** will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.

PREPARED BY: Technical Service/Regulatory Division

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