

REXALL SOLUTIONS Safety Data Sheet PREMIUM SOLVENT CLEANER 7030

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Premium Solvent Cleaner 7030
Brand	Rexall Solutions
Other Means of Identification	RX590246,RX590246-1,RX590246-5,RX590246-55

1.3 Recommended use of the chemical and restrictions on use

Effectively Degreases Equipment
Use solely in solvent cleaning tanks or related equipment or manufacturing processes

1.4 Supplier's details

Name	REXALL SOLUTIONS
Address	27 Keefer Rd St. Catharines ON L2M 6K4 CA
Telephone	(844) 500-2436
Fax	(780) 628-6459
email	ADMIN@REXALLSOLUTIONS.COM

1.5 Emergency phone number

CANUTEC's 24-hour number (1-888-CAN-UTEC(226-88a32) or
613-996-6666)

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: WHMIS 2015

- Flammable gases (including chemically unstable gases), Cat. 2
- Acute toxicity, oral, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, inhalation, Cat. 3
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity following repeated exposure, Cat. 2
- Specific target organ toxicity following single exposure, Cat. 1

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- Toxic to reproduction, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H301	Toxic if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H331	Toxic if inhaled
H361	Suspected of damaging fertility or the unborn child [effect, route]
H370	Causes damage to organs [organs, route]
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]
H221	Flammable gas

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
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+P311	IF exposed or concerned: Call a POISON CENTER/doctor/...
P308+P313	IF exposed or concerned: Get medical advice/attention.
P311	Call a POISON CENTER/doctor/...
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to ...
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	In case of leakage, eliminate all ignition sources.
P403	Store in a well-ventilated place.

SECTION 3: Composition/information on ingredients

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Mixtures

Hazardous components

1. Methanol

Concentration	20 - 50 % (weight)
EC no.	200-659-6
CAS no.	67-56-1
Index no.	603-001-00-X

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity following single exposure, Cat. 1

H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs [organs, route]
SCLs/M-factors/ATEs	*
	STOT SE 1; H370: C ≥ 10 %
	STOT SE 2; H371: 3 % ≤ C < 10 %

2. Toluene

Concentration	50 - 80 % (weight)
EC no.	203-625-9
CAS no.	108-88-3
Index no.	601-021-00-3

- Flammable liquids, Cat. 2
- Toxic to reproduction, Cat. 2
- Aspiration hazard, Cat. 1
- Specific target organ toxicity following single exposure, Cat. 3
- Specific target organ toxicity following repeated exposure, Cat. 2
- Skin corrosion/irritation, Cat. 2

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H361d	
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
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If inhaled	Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Wash with plenty of soap and water for at least 15 minutes. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Methanol: Carbon oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8.

As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate enclosed areas.

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6.2 Environmental precautions

Keep out of drains, sewers, ditches, and waterways.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep out of the reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Methanol (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA (Inhalation): 200 ppm, 260 mg/m³ (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices
Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA)

PEL-C (Inhalation): 1000 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH)

TLV® (Inhalation): 200 ppm (ACGIH)

TLV® (Inhalation): 250 ppm (ST) (ACGIH)

2. Toluene (CAS: 108-88-3)

PEL-TWA (Inhalation): 200 ppm (OSHA)

Central nervous system depression, causing fatigue, headache, confusion, paresthesia, dizziness, and muscular incoordination. Irritation of the eyes, mucous membranes, and upper respiratory tract

STEL (Inhalation): 150 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm (375 mg/m³) (NIOSH)

Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 300 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

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PEL-Peak (Inhalation): 500 ppm (10 minutes) (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 ppm (37 mg/m³) (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

TLV® (Inhalation): 20 ppm (75 mg/m³) (ACGIH)
Female reproductive system damage and pregnancy loss. Central nervous system impairment and visual impairment

STEL (Inhalation): 150 ppm (560 mg/m³) (NIOSH)
Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 500 ppm Ceiling (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL-ST (Inhalation): 150 ppm (560 mg/m³) - SKIN (Cal/OSHA)
Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

PEL (Inhalation): See Annotated Z-2 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-2 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-2 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): See Annotated Z-2; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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

Eye/face protection

Safety glasses with side-shields.

Skin protection

Protective gloves, such as nitrile gloves.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

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Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Physical state	Liquid
Color	Colourless
Odor	Aromatic
Odor threshold	4 to 7 ppm
Melting point/freezing point	<-40°C (-40°F)
Boiling point or initial boiling point and boiling range	65 to 110°C (149 to 230°F)
Flammability	Flammable.
Lower and upper explosion limit/flammability limit	
Flash point	4.4 to 11°C (39.9 to 51.8°F) Tagliabue closed cup
Auto-ignition temperature	464 to 480°C (867.2 to 896°F)
Decomposition temperature	
pH	
Kinematic viscosity	
Solubility	
Partition coefficient n-octanol/water (log value)	
Vapor pressure	12.3kPa (92.3 mm Hg) @ 20°C (68°F)
Density and/or relative density	0.8 to 0.85 kg/L (water=1)
Relative vapor density	>1 (Air = 1)
VoC	832 g/l

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.5 Incompatible materials

Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

The ATE (dermal) of the mixture is: 600 mg/kg bw

The ATE (gas inhalation) of the mixture is: 1400 ppmV

The ATE (oral) of the mixture is: 200 mg/kg bw

Skin corrosion/irritation

Methanol

LD50 Skin - Rabbit - 17,100 mg/kg

Toluene

LD50 Skin - Rabbit - 12,196 mg/kg

Skin - Rabbit - 24 h

Respiratory or skin sensitization

Methanol

LD50 Inhalation - Rat - 128.2 mg/l - 4 h

LD50 Inhalation - Rat - 87.6 mg/l - 6 h

Toluene

LD50 Skin - Rabbit - 12,196 mg/kg

Skin - Rabbit - 24 h

Reproductive toxicity

Methanol

NOEC - *Oryzias latipes* - 7.900 mg/l - 200 h

EC50 - *Daphnia magna* (water flea) - >10,000 mg/l - 48 h

EC50 - *Selenastrum capricornutum* (green algae) - 22,000 mg/l - 96 h

STOT-repeated exposure

Methanol

LD50 Oral - Rat - 1,187 - 2,769 mg/kg

LD50 Skin - Rabbit - 17,100 mg/kg

LD50 Inhalation - Rat - 128.2 mg/l - 4 h

LD50 Inhalation - Rat - 87.6 mg/l - 6 h

LC50 - *Lepomis macrochirus* (bluegill) - 15.400 mg/l - 96 h

NOEC - *Oryzias latipes* - 7.900 mg/l - 200 h

EC50 - *Daphnia magna* (water flea) - >10,000 mg/l - 48 h

EC50 - *Selenastrum capricornutum* (green algae) - 22,000 mg/l - 96 h

Toluene

LD50 Oral - Rat - > 5,580 mg/kg

LD50 Skin - Rabbit - 12,196 mg/kg

EC50 - *Pseudokirchneriella subcapitata* (green algae) - 10 mg/l - 24 h

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 7.63 mg/l - 96 h

EC50 - *Daphnia magna* (water flea) - 6 mg/l - 48 h

EC50 - *Chlorella vulgaris* (fresh water algae) - 245 mg/l - 24 h

NOEC - *Pimephales promelas* (fathead minnow) - 5.44 mg/l - 7 d

Skin - Rabbit - 24 h

SECTION 12: Ecological information

Toxicity

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Methanol

LD50 Oral - Rat - 1,187 - 2,769 mg/kg

LD50 Skin - Rabbit - 17,100 mg/kg

LD50 Inhalation - Rat - 128.2 mg/l - 4 h

LD50 Inhalation - Rat - 87.6 mg/l - 6 h

LC50 - Lepomis macrochirus (bluegill) - 15.400 mg/l - 96 h

NOEC - Oryzias latipes - 7.900 mg/l - 200 h

EC50 - Daphnia magna (water flea) - >10,000 mg/l - 48 h

EC50 - Selenastrum capricornutum (green algae) - 22,000 mg/l - 96 h

Toluene

LD50 Oral - Rat - > 5,580 mg/kg

LD50 Skin - Rabbit - 12,196 mg/kg

EC50 - Pseudokirchneriella subcapitata (green algae) - 10 mg/l - 24 h

LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h

EC50 - Daphnia magna (water flea) - 6 mg/l - 48 h

EC50 - Chlorella vulgaris (fresh water algae) - 245 mg/l - 24 h

NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l - 7 d

Skin - Rabbit - 24 h

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal

Dispose of as unused product.

SECTION 14: Transport information

14.1 UN Number	UN1992
14.2 UN Proper Shipping Name	Flammable liquids, toxic, n.o.s.
14.3 Transport hazard class(es)	3 (6.1)
14.4 Packing group	II

SECTION 15: Regulatory information

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

Canadian Domestic Substances List (DSL)

Chemical name: Methanol

CAS: 67-56-1

Canadian Domestic Substances List (DSL)

Chemical name: Benzene, methyl-

CAS: 108-88-3

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.