

Safety Data Sheet

Spray Cleaner

SECTION 1. IDENTIFICATION

Product Identifier Spray Cleaner
Part number 10952219, 10952719
Product Family Aqueous solution
Recommended Use Cleaner.
Restrictions on Use None known.
Supplier Identifier General Motors of Canada Company/Compagnie General Motors du Canada
1908 Colonel Sam Drive
Oshawa, ON L1H 8P7
1.800.223.3526
Emergency Phone No. Immediately contact your local poison control centre.
CANUTEC, +1.613.996.6666, for transportation emergencies.

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 2; Eye irritation - Category 2A

Label Elements



Warning

Causes skin irritation.
Causes serious eye irritation.

Wash hands and skin thoroughly after handling.
Wear protective gloves.
Wear eye protection/face protection.

IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
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.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name | CAS No. | % | Other Identifiers | Other Names |
|---|------------|---------|-------------------|-------------|
| 2-Butoxyethanol | 111-76-2 | 1-5 | | |
| Ethoxylated nonylphenol, branched | 68412-54-4 | 1-5 | | |
| Tetrapotassium pyrophosphate | 7320-34-5 | 1-5 | | |
| Ethoxylated propoxylated isodecyl alcohols | 37251-67-5 | 0.5-1.5 | | |
| hexahydro-1,3,5-tris(hydroxyethyl-s-triazine) | 4719-04-4 | 0.5-1.5 | | |
| Sodium Metasilicate | 6834-92-0 | 0.1-1.0 | | |

Notes

Any concentration shown as a range is due to batch processing.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs, get medical advice or attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Continue rinsing.
Get immediate medical attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire. Use water to keep non-leaking, fire-exposed containers cool.

Unsuitable Extinguishing Media

Do not use a direct stream of water.

Specific Hazards Arising from the Product

Does not burn.

Carbon oxides, and other unidentified organic compounds.

Special Protective Equipment and Precautions for Fire-fighters

Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Only use where there is adequate ventilation. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Wear personal protective equipment to avoid direct contact with this chemical. Containers of this material may contain hazardous residues when "emptied".

Conditions for Safe Storage

Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet. Store in a closed container. Store in the original, labelled, shipping container. Keep from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Chemical Name | ACGIH® TLV® | | OSHA PEL | |
|-----------------|-------------|-----------------|-----------|-----------------|
| | TWA | STEL [C] | TWA | Ceiling |
| 2-Butoxyethanol | 20 ppm A3 | Not established | 240 mg/m3 | Not established |

Appropriate Engineering Controls

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Safety glasses with side shields. Contact lenses should not be worn, they may contribute to the severity of the injury.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.
Suitable materials are: neoprene rubber, nitrile rubber, natural rubber.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| | |
|------------------------------|---|
| Appearance | Clear colourless liquid. |
| Odour | strong pine |
| Odour Threshold | Not available |
| pH | 12.9 |
| Melting Point/Freezing Point | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range | Not available |
| Flash Point | Not applicable |

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| | |
|---|--|
| Evaporation Rate | Not available |
| Flammability (solid, gas) | Not applicable (liquid). |
| Upper/Lower Flammability or Explosive Limit | Not available (upper); Not available (lower) |
| Vapour Pressure | Not available |
| Vapour Density (air = 1) | Not available |
| Relative Density (water = 1) | 1.020 at 15 °C |
| Solubility | Soluble in water |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition Temperature | Not available |
| Viscosity | < 14 centistokes at 40°C (kinematic) |
| Other Information | |
| VOC % | 3.5 |
| Flame projection | Not applicable |
| NFPA Classification | Not applicable |

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Stable at ambient temperatures and pressures.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Incompatible materials.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Carbon oxides. And other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation;
Skin contact;
Eye contact;
Ingestion.

Acute Toxicity

| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|---|---|------------------------|------------------------|
| 2-Butoxyethanol | 450 ppm (female rat) (4-hour exposure) | 530 mg/kg (female rat) | 400-500 mg/kg (rabbit) |
| hexahydro-1,3,5-tris(hydroxyethyl-s-triazine) | Not available | 763 mg/kg (rat) | > 2000 mg/kg (rat) |

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| | | | |
|-----------------------|---------------|-----------------|-----------------------|
| Disodium Metasilicate | Not available | 600 mg/kg (rat) | > 4640 mg/kg (rabbit) |
|-----------------------|---------------|-----------------|-----------------------|

Skin Corrosion/Irritation

Moderate to severe irritant.

Serious Eye Damage/Irritation

Severe irritant.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

At high concentrations may cause severe nose and throat irritation.

Skin Absorption

No information was located.

Ingestion

May cause severe irritation or burns to the mouth, throat and stomach.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Conclusions cannot be drawn from the limited studies available.

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization.

No information was located for skin sensitization.

Carcinogenicity

| Chemical Name | ACGIH® | IARC | NTP | OSHA |
|-----------------|--------|---------|------------|------------|
| 2-Butoxyethanol | A3 | Group 3 | Not Listed | Not Listed |

Not known to cause cancer.

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. A3 = Animal carcinogen.

IARC = International Agency for Research on Cancer. Group 3 = Not classifiable as to its carcinogenicity to humans.

No information was located for: Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

This section is not required by OSHA HCS 2012.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Empty containers retain product residue. Follow label warnings even if container appears to be empty. Dispose of in accordance with municipal, provincial/state or federal regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under IATA Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Other Information Not regulated under IMDG Code.

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SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

CEPA - National Pollutant Release Inventory (NPRI)

(2-Butoxyethanol) Part 1A.

(1,4-Dioxane) Part 1A.

(Acetaldehyde) Part 1A.

(Ethylene Oxide) Part 1A.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

CERCLA. (Potassium hydroxide). (1,4-Dioxane). (Acetaldehyde). (Ethylene Oxide)

SARA Title III - Section 302. (Ethylene Oxide)

SARA Title III - Section 313. (1,4-Dioxane). (Acetaldehyde). (Ethylene Oxide)

California Proposition 65. (1,4-Dioxane). (Acetaldehyde). (Ethylene Oxide)

Massachusetts Right To Know: Not applicable.

New Jersey Right To Know. (2-Butoxyethanol). (Pine oil). (Potassium hydroxide). (1,4-Dioxane). (Acetaldehyde). (Ethylene Oxide)

Pennsylvania Right To Know. (2-Butoxyethanol). (Potassium hydroxide). (1,4-Dioxane). (Acetaldehyde). (Ethylene Oxide)

SECTION 16. OTHER INFORMATION

| | | | |
|------------------------------|---|-------------------------|------------------------|
| NFPA Rating | Health - 1 | Flammability - 0 | Instability - 0 |
| SDS Prepared By | Regulatory Compliance | | |
| Phone No. | 905.847.0222 | | |
| Date of Preparation | February 04, 2016 | | |
| Date of Last Revision | April 22, 2019 | | |
| Revision Indicators | The following SDS content was changed on April 22, 2019: SECTION 1. IDENTIFICATION; Emergency Phone No. SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS; Notes. | | |
| Key to Abbreviations | ACGIH® = American Conference of Governmental Hygienists CANUTEC = Canadian Transport Emergency Centre CAS = Chemical Abstract Service CCOHS = Canadian Centre for Occupational Health & Safety CNS = Central nervous system GESTIS = GESTIS Substance Database HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer ICAO = International Civil Aviation Organization IMDG = International Maritime Dangerous Goods Code LC = Lethal concentration LD = Lethal dose NFPA = National Fire Protection Association NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration PPM = Parts per million RTECS® = Registry of Toxic Effects of Chemical Substances | | |

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STEL = Short term exposure limit

TDG = Transportation of Dangerous Goods Regulations (Canada)

TWA = Time weighted average

References

Material safety data sheet from manufacturer.

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

ECHA - European Chemical Agency, Classification and Labelling Inventory

GESTIS Substance Database

OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.

Disclaimer

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