



SOLVEX

SAFETY DATA SHEET VERSION 1.0 • 12TH DECEMBER 2023

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: SolveX

Recommended use: Quick-drying solvent

Supplier name: GREENZ Hygiene Solutions

Address: P.O. Box 13, Pokeno, AUCKLAND

Phone: +64 9 233 6007

Emergency Telephone: International: +643 479 7227; New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE)

2. HAZARD IDENTIFICATION

Hazard Classification: HAZARDOUS according to GHS-7 (Globally Harmonised System of Classification and Labelling of Chemicals) criteria.

Signal word: Danger.

Symbol: Flame; Health; Exclamation mark; Environment.



Hazard Category:

- Flammable liquids - Category 2.
- Aspiration hazard - Category 1.
- Skin corrosion / irritation - Category 3.
- Eye damage / irritation - Category 2A.
- Sensitisation - Skin - Category 1.
- Specific Target Organ Systemic Toxicity (Repeated exposure): Category 2.
- Hazardous to the aquatic environment (Acute) - Category 1.

Hazard statement/s:

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H316 Causes mild skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H372 Causes damage to organs through prolonged or repeated exposure to the central nervous system.
- H410 Very toxic to aquatic life with long lasting effects.

Hazard prevention statement/s:

- P101 Keep packaging on hand if medical advice required.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P270 Do not eat, drink or smoke when using this product.
- P264 Wash hands thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear PPE gloves and eye/face protection.

Hazard response statement/s:

- P301 + P331 + P310 IF SWALLOWED: Do NOT induce vomiting. Immediately call POISON CENTER or doctor.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P362 + P272 Remove contaminated clothing. Wash before re-use. Contaminated work clothes should not leave of the workplace.
- P305 + P351 + P338 IF IN EYES: Rinse with water for several minutes. Remove any contact lenses. Continue rinsing.
- P308 + P313 IF exposed, concerned or any irritation persists, get medical advice/ attention.
- P391 Collect spillage.
- P370 + P378: In case of fire, use carbon dioxide, dry chemical, foam.

Hazard storage statement/s: P405 + P234 Store locked up in a well ventilated place. Keep cool.

Hazard disposal statement/s: P501 Dispose of product and packaging in accordance with local regulations.

The information contained in this SDS is specific to the product when handled and used neat. This product when diluted/mixed may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

According to GHS, the ingredient below is considered both hazardous and dangerous goods at levels used in this product:

| INGREDIENT | CAS No. | PROPORTION (%) |
|------------|-----------|----------------|
| Ethanol | 64-17-5 | >50% |
| D'Limone | 5989-27-5 | 26 - 50% |
| Fuelite | Mixture | 10 - 26% |

4. FIRST AID MEASURES

Ingestion: Rinse mouth out with water. Do NOT induce vomiting.

Eye contact: Flush with water for several minutes. Remove any contact lenses. Continue rinsing for at least 15 minutes.

Skin contact: Wash skin thoroughly with soap and water.

Inhalation: Remove from source of exposure to fresh air. Allow the person to rest in a position where they can breathe easily.

5. FIRE FIGHTING METHODS If a significant quantity of this product is involved in a fire, call the fire brigade (111).

General: Highly flammable liquid and vapour. Evacuate area. Eliminate sources of ignition and switch off electrical equipment until vapour hazard removed if safe to do so. Move containers from fire area if safe to do so. Do not breathe smoke/gas/vapours from fire.

Suitable extinguishing media: Carbon dioxide, dry chemical, foam. Use fine water spray to control fire and cool adjacent area.

Hazards from combustion: Vapours may form explosive mixtures with air. Decomposition products may be toxic. Ingredients of this product may emit toxic and/or irritating fumes, smoke and gases, including carbon monoxide, carbon dioxide, hydrogen gas and oxides of nitrogen. Special PPE for firefighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Keep fire water from reaching drains and the environment.

Hazchem code: 3YE.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Stop leak if safe to do so. Do not allow product to leak into drains, waterways, environment.

Containment and clean up: Contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large, or there is no absorbent material available, create a dike to stop spill spreading or accessing drains or waterways. Avoid using combustible material. Electrical equipment should be non-sparking. Any equipment capable of building an electrostatic charge should be electrically grounded. Sweep up or collect recoverable product into labelled containers and dispose of promptly. Recycle containers where possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.

7. HANDLING AND STORAGE

Safe handling: Keep exposure to this product to a minimum. Keep an eyebath handy and ready to use. Avoid breathing fumes. Practice good industrial hygiene.

Storage: Store locked up, in a cool, dry, well-ventilated area out of sunlight and away from other chemicals, foodstuffs and out of reach if children. Keep containers tightly closed and check regularly for leaks or spills. Make sure that surrounding electrical devices and switches are suitable. Do not combine part drums of the same product, as this may cause contamination. Do not mix with other chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: No value assigned for this specific product.

Biological limit values: No biological limit allocated.

Engineering controls: Use only in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested. Keep an eyebath handy and ready to use.

PPE: PVC/rubber gloves, safety glasses/face mask. Respiratory protection may be required. Trousers, long sleeved shirt and closed shoes should be worn as a general precaution.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear liquid.

Odour: Citrus.

pH (neat): Neutral.

Specific gravity: ±0.85.

Vapour pressure: No information available.

Boiling point: ±80°C.

Solubility: Not soluble in water.

Flash point (closed cup): <13°C.

Flammability class: Highly flammable liquid and vapour.

Shelf life: 2 years from date of manufacture (when stored as directed).

10. STABILITY AND REACTIVITY

Stability: The product is stable under normal conditions of use.

Conditions to avoid: Store in a cool, dry, well ventilated place, (below 20°C) away from sources of sparks or ignition. Keep containers tightly closed. Handle with care. Any nearby equipment should be flame proofed.

Materials to avoid: Strong oxidising agents.

Hazardous decomposition: Combustion may form carbon dioxide, carbon monoxide, smoke & water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dim vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Skin contact: Product may cause irritation and/or allergic reaction. Flush with water. Seek medical attention if symptoms persist.

Eye contact: Product may cause serious eye irritation. Flush well with water. Seek immediate medical attention if symptoms persist.

Inhalation: May irritate respiratory tract, sore throat, coughing, shortness of breath, dizziness, and nausea.

Ingestion: May cause some abdominal pain, nausea, vomiting, diarrhea, and dizziness. Seek immediate medical attention if symptoms persist.

Carcinogen status: No significant ingredient is classified as carcinogenic by SWA, NTP or IARC.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Very toxic to aquatic organisms, with long-term adverse effects to the aquatic environment.

Persistence and degradability: Product is biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

This product may be recycled if unused, or uncontaminated. If it has been contaminated, reclaim (filtration/distillation), consider controlled incineration, or contact a specialist waste disposal company. Avoid discharge to sewer/drain.

14. TRANSPORT INFORMATION

Classified DANGEROUS GOODS by the by the NZ Transport Agency - Land Transport Rule (2005).

| UN NUMBER | UN NAME | CLASS | PACKING GROUP |
|-----------|------------------|-------|---------------|
| 1170 | Ethanol solution | 3, 9 | III |

15. REGULATORY INFORMATION

Country/ region: New Zealand

Status: Classified as HAZARDOUS according to GHS criteria. (HSNO classifications: 3.1B, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A)

GROUP STANDARD: Cleaning Products (Flammable) Group Standard 2020 - HSR002528

16. OTHER INFORMATION

SDS issue number: 1.0 - This issue number replaces all previous issues.

SDS issue date: 12/12/2023.

Reason(s) for issue: Rebranded product.

In any event, the review and, if necessary, the re-issue of a SDS shall be no longer than 5 years after the last date of issue.

17. LEGEND

EPA Environmental Protection Authority (NZ)

GHS Globally Harmonised System

PPE Personal Protective Equipment

SDS Safety Data Sheet

STEL Short Term Exposure Limit. A 15-min TWA exposure, (don't exceed during a working day, even if the 8-hr TWA avg is within the TWA exposure standard. Exposures at the STEL should not exceed 15-min and should not be repeated more than 4 times per day. There should be at least 60-min between successive exposures at the STEL.

TLV Threshold Limit Value. Refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.

TWA Time Weighted Average. The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This SDS has been prepared from current technical data (EPA and Worksafe NZ guidelines) & summarises at the date of issue our best knowledge of the health and safety information of the product and in particular how to safely handle and use the product in the workplace, If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. This SDS may only be reproduced in full, as summaries/excerpts may not contain all the relevant information and thus are not permitted.

END OF SDS