



CANBERRA CORPORATION SAFETY DATA SHEET

1. Identification

Product identifier: HUSKY 1229 VANDALISM MARK & STAIN REMOVER

Recommended use: Cleaner

Recommended restrictions: None known.

Company information: CANBERRA CORP.
3610 N. HOLLAND-SYLVANIA RD
TOLEDO, OH 43615 United States

Phone: 419-841-6616

Emergency telephone US: 1-866-836-8855

2. Hazard(s) identification

Physical hazards: Flammable aerosols Category 1

Health hazards: Skin corrosion/irritation Category 2

Germ cell mutagenicity Category 1

Carcinogenicity Category 1

Reproductive toxicity Category 2

Specific target organ toxicity, repeated exposure Category 2

Aspiration hazard Category 1



Label elements:

Signal word: Danger

Hazard statement: Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

Storage: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC): None known.

3. Composition/information on ingredients

Chemical characterization: Mixture of solvents and auxiliary agents.

Hazardous ingredients: The exact percentage of composition has been withheld as a trade secret.

40 - 60% *Methylene Chloride	CAS 75-09-2
20 - 40% *Butane	CAS 106-97-8
10 - 20% *Perchloroethylene	CAS 127-18-4
10 - 20% *Toluene	CAS 108-88-3
2 - 10 *Propane	CAS 74-98-6
1 - 3 *Cocoyl Diethanolamide	CAS 68603-42-9
0.1 - 1 *Propylene Oxide	CAS 75-56-9

4. First-aid measures

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Rinse with water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Symptoms/effects, acute and delayed: Dizziness. Headache. Nausea. Irritation of eyes and mucous membranes. Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information: IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media: Powder. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Contents under pressure. Container may explode when exposed to heat or flame.

Special protective equipment and precautions for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards: Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up: Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

Environmental precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities: Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA	Components	Type Value
	Methylene Chloride (CAS 75-09-2)	STEL 125 ppm TWA 25 ppm
	Propane (CAS 74-98-6)	PEL 1800 mg/m3 (1000 ppm)
	Propylene Oxide (CAS 75-56-9)	PEL 240 mg/m3 (100 ppm)
	Perchloroethylene (CAS 127-18-4)	Ceiling 200 ppm TWA 100 ppm
	Toluene (CAS 108-88-3)	Ceiling 300 ppm TWA 200 ppm

US. ACGIH Threshold Limit Values

Components	Type Value
Butane (CAS 106-97-8)	STEL 1000 ppm
Methylene Chloride (CAS 75-09-2)	TWA 50 ppm
Perchloroethylene (CAS 127-18-4)	STEL 100 ppm
	TWA 25 ppm
Propylene Oxide (CAS 75-56-9)	TWA 2 ppm
Toluene (CAS 108-88-3)	TWA 20 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type Value
Butane (CAS 106-97-8)	TWA 1900 mg/m3 (800 ppm)
Propane (CAS 74-98-6)	TWA 1800 mg/m3 (1000 ppm)
Toluene (CAS 108-88-3)	STEL 560 mg/m3 (150 ppm)
	TWA 375 mg/m3 (100 ppm)

Exposure guidelines

US - California OELs: Skin designation: Toluene. Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies: Perchloroethylene. Skin designation applies.
Toluene. Skin designation applies.

Appropriate engineering controls: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

Hand protection: Wear appropriate chemical resistant gloves.

Other: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection: If permissible levels are exceeded, use NIOSH organic vapor cartridge or an air-supplied respirator.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Gas.

Color Not available.

Odor threshold Not available.

Melting point/freezing point Not available.

Flash point -156.0 °F (-104.4 °C) Propellant estimated

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit – lower (%) Not available.

Explosive limit - lower (%) Not available.

Vapor pressure 40 - 55 psig @20C estimated

Relative density Not available.

Partition coefficient (n-octanol/water) Not available.

Viscosity Not available.

Form Aerosol.

Odor Not available.

pH Not available.

Initial boiling point/boiling range 87 °F (30.55 °C) estimated

Evaporation rate Not available.

Auto-ignition temperature Not available.

Flammability limit – upper (%) Not available.

Explosive limit - upper (%) Not available.

Vapor density Not available.

Solubility (water) Not available.

Decomposition temperature Not available.

Specific gravity Not available

10. Stability and reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

Hazardous decomposition products: Hydrogen chloride.

11. Toxicological information

Information on likely routes of exposure

Ingestion: Droplets of product aspirated into lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Inhalation: May cause damage to organs through prolonged/repeated exposure by inhalation. Prolonged inhalation is harmful.

Skin contact: Causes skin irritation.

Eye contact: Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics: Dizziness. Headache. Nausea. Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Irritation of eyes. Skin irritation.

Information on toxicological effects

Acute toxicity: May be fatal if swallowed and enters airways. **Skin corrosion/irritation:** Causes skin irritation.

Serious eye damage/eye irritation: Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization Respiratory sensitization: Not available.

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: May cause genetic defects. **Carcinogenicity:** May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Cocoyl Diethanolamide (CAS 68603-42-9) 2B Possibly carcinogenic to humans.

Methylene Chloride (CAS 75-09-2) 2B Possibly carcinogenic to humans.

Perchloroethylene (CAS 127-18-4) 2A Probably carcinogenic to humans.

Propylene Oxide (CAS 75-56-9) 2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Methylene Chloride (CAS 75-09-2) Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

Methylene Chloride (CAS 75-09-2) Reasonably Anticipated to be a Human Carcinogen.

Perchloroethylene (CAS 127-18-4) Reasonably Anticipated to be a Human Carcinogen.

Propylene Oxide (CAS 75-56-9) Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity: Suspected of damaging fertility or the unborn child.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity - repeated exposure: Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: May be fatal if swallowed and enters airways.

Chronic effects: Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.

12. Ecological information

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Partition coefficient n-octanol / water (log Kow)

Butane 2.89 Methylene Chloride 1.25 Perchloroethylene 3.4 Propane 2.36

Propylene Oxide 0.03 Toluene 2.73

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.

US RCRA Hazardous Waste U List: Reference

Methylene Chloride (CAS 75-09-2) U080 Perchloroethylene (CAS 127-18-4) U210 Toluene (CAS 108-88-3) U220

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers must be taken to an approved waste site for recycling or disposal. Emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information

DOT: **UN number:** UN1950 **UN proper shipping name:** Aerosols, flammable **Class:** 2.1

Packing group: Not applicable.

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Packaging exceptions: This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity.

15. Regulatory information

US federal regulations:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4):

Methylene Chloride, Perchloroethylene, Propylene Oxide, Toluene.

SARA 304 Emergency release notification: Propylene Oxide; RQ - 100 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Methylene Chloride - Cancer, Heart, Central nervous system, Liver, Skin irritation, Eye irritation

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories

Immediate Hazard – Yes Delayed Hazard – Yes Fire Hazard – Yes

Pressure Hazard – No Reactivity Hazard – No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity
Propylene Oxide	75-56-9	100	10000 lbs

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting)

Methylene Chloride, Perchloroethylene, Toluene, Diethanolamine, Propylene Oxide

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Methylene Chloride, Perchloroethylene, Propylene Oxide, Toluene

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane, Propane, Propylene Oxide

Safe Drinking Water Act (SDWA): Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number: Toluene 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Toluene 35 %WV

DEA Exempt Chemical Mixtures Code Number: Toluene (CAS 108-88-3) 594

US state regulations

US. Massachusetts RTK - Substance List

US. New Jersey Worker and Community Right-to-Know Act

US. Rhode Island RTK

US. Pennsylvania Worker and Community Right-to-Know Law

Butane, Methylene Chloride, Perchloroethylene, Propane, Propylene Oxide, Toluene

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Cocoyl Diethanolamide Listed: June 22, 2012

Diethanolamine Listed: June 22, 2012

Methylene Chloride Listed: April 1, 1988

Perchloroethylene Listed: April 1, 1988

Propylene Oxide Listed: October 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene Listed: August 7, 2009

16. Other information, including date of preparation or last revision

Issue date 01-05-2015

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.

Revision Information This document has undergone significant changes and should be reviewed in its entirety.