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Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
Superior Solutions www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name STREAK-OUT 40
Product use Cleaner, Degreaser
Product code 0084
Date of issue 02/22/06 **Supersedes** 01/23/06

Emergency Telephone Numbers **For MSDS Information:**
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
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Printing date: 06/23/08

Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	10 - 20	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
HYDROCARBON PROPELLANT; blend of propane, isobutane & n-butane	75-28-5; 74-98-6; 106-97-8	1 - 10	ACGIH TLV / OSHA PEL (United States). Notes: Propane TWA: 1000 ppm 8 hour(s). OSHA PEL / ACGIH TLV (United States). Notes: n-Butane TWA: 800 ppm 8 hour(s).
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1 - 5	ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s).
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	1 - 5	ACGIH TLV (United States). TWA: 20 ppm 8 hour(s). OSHA PEL (United States). Skin TWA: 50 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Absorbed through skin. Inhalation.

Skin Direct contact may cause irritation and redness. Harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Inhalation Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression.

Ingestion May be harmful if swallowed. May cause mild gastric irritation, abdominal spasms, nausea and faintness.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

The substance may be toxic to blood, kidneys, liver, upper respiratory tract, skin, eyes, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness.

See Toxicological Information (section 11)

HMIS

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	B

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not applicable.	Flammable Limits	Not applicable.
Flammability	Non-flammable. (CSMA)		
Fire hazard	CONTENTS UNDER PRESSURE. Container explosion may occur under fire conditions or when heated. May emit toxic fumes under fire conditions.		
Fire-fighting procedures	Dry chemical, carbon dioxide, foam. Cool closed containers exposed to fire with water. Wear special protective clothing and positive pressure, self-contained breathing apparatus.		



**Section 6. Accidental Release Measures**

Spill Clean up	Large spills are unlikely due to packaging.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Do not ingest. Observe label precautions. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above the following temperature: 49°C (120.2°F). Do not puncture or incinerate. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	Recommended: Neoprene gloves. Nitrile gloves. Rubber gloves.	
Respiratory	Avoid breathing vapors, spray or mists. Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Clear. Colorless.
pH	10.5 - 11.5	Odor	Mild. Pleasant.
Boiling Point	>85°C (185°F)	Vapor Pressure	Not determined.
Specific Gravity	1.1 (Water = 1)	Vapor Density	Not determined.
Solubility	Soluble in the following materials: cold water, hot water.	Evaporation Rate	1 compared with Water
		VOC (Consumer)	300 (g/l). 2.5 lbs/gal 27.3%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon dioxide., Carbon monoxide. and other organic materials..

Section 11. Toxicological Information

Toxicity to Animals	Ethanol: ^[25,45,50,70 ORAL (LD50):□Acute: 7060 mg/kg [Rat]. Propellant; Blend of Isobutane, Propane and n-Butane LD50: Not available. LC50: Not available. Isopropyl Alcohol: ^[25,45,50,70 ORAL (LD50):□Acute: 4700 mg/kg [Rat]. DERMAL (LD50):□Acute: 13000 mg/kg [Rabbit]. VAPOR (LC50):□Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat (Female)]. Ethylene Glycol Monobutyl Ether: ^[25,45,50,70 ORAL (LD50):□Acute: 1746 mg/kg [Rat]. DERMAL (LD50):□Acute: 680 mg/kg [Rabbit]. VAPOR (LC50):□Acute: 450 ppm 4 hour(s) [Rat (Female)].
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Section 12. Ecological Information**Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations, **Waste Stream** Non-hazardous waste**Consult your local or regional authorities.****Section 14. Transport Information****Proper shipping name** Consumer commodity**DOT Classification** ORM-D**UN number** Not regulated.**NOTE:** DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.**TDG Classification** ORM-D**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:

Ethylene Glycol Monobutyl Ether

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations California Prop. 65: No products were found.**WHMIS (Canada)** Class D-1B: Material causing immediate and serious toxic effects (Toxic).

Class D-2B: Material causing other toxic effects (Toxic).

Section 16. Other Information*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*