



MATERIAL SAFETY DATA SHEET

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Green Fin Coil Cleaner
Part No. B6279CT Aerosol
Revision 2 ❖ June 7, 2005

EMERGENCY OVERVIEW

CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. STORE BELOW 120°F, OUT OF SUNLIGHT, AND AWAY FROM HEAT SOURCES. DO NOT PUNCTURE OR INCINERATE. AVOID CONTACT WITH SKIN AND EYES. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

SECTION 1 ● CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: Bronz-Glow Technologies, Inc.
175 Bronz-Glow Way, St. Augustine, FL 32095 USA

INFORMATION: 904-825-0175
24hr EMERGENCY: 800-424-9300 Chemtrec USA
703-527-3887 Chemtrec International

PRODUCT IDENTIFIER: B6279CT
PRODUCT DESCRIPTION: Husky® Green Fin Coil Cleaner
PRODUCT USE: Heavy duty grease, oil and carbonized soil remover

PRODUCT TYPE: Aerosol
CAS NUMBER: Mixture
EMAIL: msds@chem-pak.com
WEBSITE: http://www.chem-pak.com

REVISION NUMBER: 2
REVISION DATE: June 6, 2005
PRINT DATE: June 7, 2005
PREPARED BY: Safety & Environmental Manager

SECTION 2 ● COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PEL	NIOSH REL	ACGIH PEL	IDLH	% WT
Ethyl Alcohol	000064-17-5	1000 ppm	N/E	1000 ppm	N/E	40-50
Acetone	000067-64-1	1000 ppm	250 ppm	500 ppm	2500 ppm	30-40
Liquefied Petroleum Gas	068476-85-7	1000 ppm	1000 ppm	1000 ppm	2000 ppm	10-20
Ethyl Acetate	000141-78-6	400 ppm	400 ppm	400 ppm	2000 ppm	10-20
Methyl Alcohol	000067-56-1	200 ppm	200 ppm	200 ppm	6000 ppm	< 10

See Section 11 for LD50 and LC50 Species/Route Information.
See Section 15 for Symbol Letters and R Phases.

SECTION 3 ● HAZARD IDENTIFICATION

ROUTES OF ENTRY:

Skin Contact	<input checked="" type="checkbox"/>	Skin Absorption	<input checked="" type="checkbox"/>	Eye Contact	<input checked="" type="checkbox"/>	Inhalation	<input checked="" type="checkbox"/>	Ingestion	<input type="checkbox"/>
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EFFECTS OF ACUTE EXPOSURE

EYE: Liquid contact may cause pain along with moderate eye irritation.

SKIN: Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.

INGESTION: Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnoea are also possible.

OTHER HEALTH HAZARD DATA

EFFECTS OF CHRONIC EXPOSURE: Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

MEDICAL CONDITIONS AGGRAVATED: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.



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PRIMARY HAZARDS: Sensory Irritation (acetone), Neuropathy (methyl alcohol)

CARCINOGEN DATA: None of the ingredients are considered carcinogenic by OSHA, IARC, NTP, NIOSH or ACGIH.

TARGET ORGANS: Eyes, skin, respiratory system, central nervous system, liver, blood, reproductive system, gastrointestinal tract

OSHA HAZARD CLASSIFICATIONS

HEALTH HAZARD CLASSIFICATION		PHYSICAL HAZARD CLASSIFICATION							
Irritant	<input checked="" type="checkbox"/>	Sensitizer	<input type="checkbox"/>	Combustible	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Highly Toxic	<input type="checkbox"/>	Flammable	<input checked="" type="checkbox"/>	Oxidizer	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Corrosive	<input type="checkbox"/>	Carcinogenic	<input type="checkbox"/>	Compressed Gas	<input checked="" type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>	Unstable	<input type="checkbox"/>

SECTION 4 ● FIRST AID MEASURES

INGESTION: Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.

SKIN: Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

NOTES TO PHYSICIAN: N/Av

SECTION 5 ● FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Heat, sparks, flame, red hot metal

SUITABLE MEANS OF EXTINCTION: Water, CO₂, dry chemical, or universal aqueous film forming foam.

UNSUITABLE EXTINGUISHING MEDIA: N/Av

FLASH POINT AND METHOD OF DETERMINATION: Propellant < 0 F, Tagged Closed Cup

FLAMMABLE LIMITS: Lower (LEL): 1.8% @ 25 C Upper (UEL): 9.5% @ 25 C

AUTOIGNITION TEMPERATURE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon (CO, CO₂), smoke, and vapors as products of incomplete combustion.

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: N/Av

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: N/Av

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS: Contents extremely flammable and under pressure.

SECTION 6 ● ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilate provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of all governing agencies should be observed.

SECTION 7 ● HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use.

STORAGE: Storage of individual cans should be done in an area below 120F, and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 1 Aerosol.



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MOBILITY: N/Av
 PERSISTANCE: N/Av
 DEGRADIBILITY: N/Av
 BIOACCUMULATION: N/Av
 OTHER ECOLOGIC DATA: Do not allow to enter waters, waste water, or soil.
 EFFECT ON OZONE LAYER: .. This product does not contain any ozone depleting ingredients.

SECTION 13 ● DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

SECTION 14 ● TRANSPORTATION INFORMATION

DOT SHIPPING INFORMATION (United States)

PROPER SHIPPING NAME: . Consumer Commodity
 HAZARD CLASS: ORM-D
 PACKAGING GROUP: None
 UN or ID NUMBER: None

TDG SHIPPING INFORMATION (Canada)

PROPER SHIPPING NAME: . Aerosols, Flammable Ltd Qty
 HAZARD CLASS: 2
 PACKAGING GROUP: -
 UN or ID NUMBER: UN1950

IMDG SHIPPING INFORMATION (International Ocean)

PROPER SHIPPING NAME: . Aerosols, Limited Quantity
 CLASS: 2
 PACKAGING GROUP: -
 SUBSIDIARY RISK(S): -
 UN or ID NUMBER: UN1950
 PACKING INSTRUCTIONS: . P003
 EmS NO.: F-D, S-U
 STOWAGE: Category A
 MFAG NO.: 620

ICAO/IATA SHIPPING INFORMATION (International Air)

PROPER SHIPPING NAME: Consumer Commodity
 HAZARD CLASS: 9
 PACKAGING GROUP: None
 UN or ID NUMBER: ID8000

ADR SHIPPING INFORMATION (European Union)

PROPER SHIPPING NAME: Aerosols, Limited Quantity
 ADR CLASS: 2
 PACKAGING GROUP: -
 UN or ID NUMBER: UN1950
 CLASSIFICATION CODE: . LQ1

NMFC DESCRIPTION (United States)

ITEM DESCRIPTION: Cleaning Compounds, NOI
 ITEM NO.: 48581
 CLASS: 55

NORTH AMERICAN EMERGENCY RESPONSE GUIDE

ID NUMBER: 8000
 GUIDE NUMBER: 171

SECTION 15 ● REGULATORY INFORMATION

UNITED STATES - FEDERAL:

INGREDIENT	CAS NO	TSCA	RCRA	CERCLA	SARA 313	CAA	CWA
Ethyl Alcohol	64-17-5	✓	-	-	-	-	-
Acetone	67-64-1	✓	U002	5000#	-	-	-
Liquefied Petroleum Gas	68476-85-7	✓	-	-	-	-	-
Ethyl Acetate	141-78-6	✓	U112	5000#	-	-	-
Methyl Alcohol	67-56-1	✓	U154	5000#	3 %	XOV	-

UNITED STATES - STATES:

INGREDIENT	CA	DE	FL	MA	PA	MN	NJ	NY	WA
Ethyl Alcohol	-	-	✓	2,4,5,6 *T1*	-	AO	-	-	✓
Acetone	-	✓	✓	2,4,5,6 F8 F9	E	ANO	-	✓	✓
Liquefied Petroleum Gas	-	-	-	-	-	-	-	-	-
Ethyl Acetate	-	✓	✓	2,4,5,6 F8	E	AO	-	✓	✓
Methyl Alcohol	-	✓	✓	2,4,5,6 F8 F9	E	ANO	✓	✓	✓



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CANADA:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

All of the components in this product are listed on the Domestic Substances List (DSL).

WHMIS Classification: A, B5, D1B, D2A, D2B

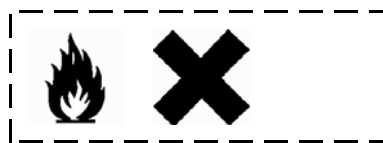
EUROPEAN UNION:

INGREDIENT	EINECS	SYMBOL	RISK PHRASES	SAFETY PHRASES
Ethyl Alcohol	200-578-6	F	11	2-7-16
Acetone	200-662-2	F, Xi	11-36-66-67	9-16-26
Liquefied Petroleum Gas	270-704-2	F+	12	9-16-33
Ethyl Acetate	205-500-4	F, Xi	11-36-66-67	16-26-33
Methyl Alcohol	200-659-6	F, Xn	11-20/21/22-68/20/21/22	7-16-36/37-45

SECTION 16 ● OTHER INFORMATION



Canadian Hazard Symbols



European Hazard Symbols

HMIS and NFPA RATINGS:

	HEALTH	FLAMMABILITY	REACTIVITY	SPECIAL
HMIS RATING	1	4	0	B
NFPA RATING	1	4	0	-

R and S PHASES (European Union):

CODE	RISK or SAFETY PHRASE
R12	Extremely Flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R36	Irritating to eyes
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed
S2	Keep out of the reach of children
S7	Keep container tightly closed
S16	Keep away from sources of ignition – No smoking
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S33	Take precautionary measures against static discharge
S36/37	Wear suitable protective clothing and gloves
S45	In case of accident or if you feel unwell, seek medical advice immediately

DISCLAIMER OF LIABILITY:

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REVISIONS:

Revision 1 - 03/14/2005 Original
Revision 2 - 06/06/2005 Updated Emergency Contact Info