

SAFETY DATA SHEET



Date Prepared : 03/26/2015
 MSDS No : 0169A
 Date Revised : 05/06/2015
 Revision No : 1

Brake Wash Aerosol

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Brake Wash Aerosol
GENERAL USE: Cleaner
PRODUCT CODE: 0169A

MANUFACTURER

Detco Industries, Inc.
 PO Box 430
 Conway, AR 72033
Product Stewardship: (800) 282-2133

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
 Eye Irritation, Category 2B
 Target Organ Toxicity (Single exposure), Category 3
 Aspiration Hazard, Category 1

Physical:

Flammable Aerosols, Category 1
 Dissolved Gases

GHS LABEL



Exclamation
mark



Flame



Gas
cylinder



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H222: Extremely flammable aerosol.
 H280: Contains gas under pressure; may explode if heated.
 H315: Causes skin irritation.
 H320: Causes eye irritation.
 H336: May cause drowsiness or dizziness.
 H304: May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENT(S)

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P211: Do not spray on an open flame or other ignition source.
 P251: Pressurized container: Do not pierce or burn, even after use.
 P264: Wash hands thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

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P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271: Use only outdoors or in a well-ventilated area.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P362: Take off contaminated clothing and wash before reuse.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331: Do NOT induce vomiting.

Storage:

P410: Protect from sunlight.
 P412: Do not expose to temperatures exceeding 50°C/ 122°F.
 P403: Store in a well-ventilated place.
 P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with federal, state and local regulations.

TARGET ORGAN STATEMENT: Central nervous system, eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
N-heptane	80 - 90	142-82-5
Isopropanol	7 - 13	67-63-0
Carbon Dioxide	1 - 5	124-38-9

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.

SKIN: Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.

INGESTION: Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Fire exposed containers may rupture.

EXTINGUISHING MEDIA: Carbon dioxide, water fog, foam or dry chemical. Do not use water jet as an extinguisher, as this will spread the fire.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill. Absorb liquid and place in sealed container for disposal.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Store as Level 3 Aerosol (NFPA 30B)

STORAGE: Keep away from sources of ignition. Do not store at temperatures above 120F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
N-heptane	TWA	500 %	2000	400 %			
	STEL			500			
Isopropanol	TWA	400 ppm	980 mg/m ³	200 ppm	490 mg/m ³	NL [1]	NL [1]
	STEL	ppm	mg/m ³	400 ppm	960 mg/m ³	NL	NL

Footnotes:

1. NL = Not Listed

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Wear rubber or nitrile gloves.

RESPIRATORY: None.

PROTECTIVE CLOTHING: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol-Pressurized Liquid/Gas

ODOR: Solvent

COLOR: Colorless

pH: NA = Not Applicable

FLASHPOINT AND METHOD: Flammable by WHMIS/OSHA criteria.

FLAMMABLE LIMITS: N/D to N/D

VAPOR PRESSURE: 1.24 mmHg

VAPOR DENSITY: > 2 (Air=1)

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BOILING POINT: Not Determined
FREEZING POINT: Not Determined
SOLUBILITY IN WATER: Insoluble
EVAPORATION RATE: > 2.5
SPECIFIC GRAVITY: 0.71
Notes: Concentrate Only.
(VOC): 97.000 %
COEFF. OIL/WATER: Not Determined

10. STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: Stable.
CONDITIONS TO AVOID: Temperatures above 120F, heat, flame and sources of ignition.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.
INCOMPATIBLE MATERIALS: Strong alkali, strong oxidizing agents, some plastics, rubber.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Chemical Name	IARC Status
Isopropanol	3

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
PRIMARY HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: 1950
PACKING GROUP: N/A

15. REGULATORY INFORMATION

UNITED STATES

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Isopropanol	7 - 13	67-63-0

16. OTHER INFORMATION

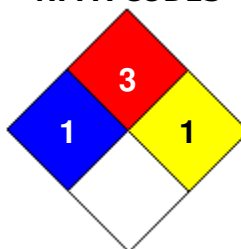
PREPARED BY: E. Spicer Date Revised: 05/06/2015

REVISION SUMMARY: This MSDS replaces the 03/26/2015 MSDS. Revised: **Section 2: TARGET ORGAN STATEMENT.**

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		3
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

NFPA CODES



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