

MSDS - Material Safety Data Sheet**I. Basic Information:**

Manufacturer: RADIATOR SPECIALTY COMPANY
Address: 600 RADIATOR ROAD
City, ST Zip: INDIAN TRAIL, NC 28079
Country:

Contact: Robert Geer
Information Telephone Number: 704-688-3430
Emergency Contact: Rocky Mountain Poison Control Center
Emergency Telephone Number: 303-623-5716
Emergency Restrictions:

Product Name: ADVANCE AUTO PARTS JET SPRAY CARB + CHOKE CLEANER (LOW VOC) (UPC: 762164530013) (SKU: 7080239)
MSDS No.: A70000

Issue Date: 03/14/2007

Supersedes Date: 10/23/2006

II. Hazards Identification:**EMERGENCY OVERVIEW**

Danger: Harmful or fatal if swallowed. Eye and skin irritant. Extremely Flammable. Contents under pressure.

Level 3 Aerosol

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects**Route(s) of Entry:**

Inhalation, eye and skin contact.

Health Hazards (Acute and Chronic):

See signs and symptoms below

Signs and Symptoms:

Eye Contact: Direct spray or vapors will irritate and may harm eyes

Skin Contact: Product may cause irritation due to defatting of skin.

Inhalation: High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, headache, or indigestion.

Ingestion: May cause blindness if swallowed. Causes irritation, narcosis, and liver and kidney damage.

Medical Conditions Generally Aggravated by Exposure:

None Known

Other Health Warnings:

Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Aromatic Petroleum Distillate	64742-95-6	10.0 - 30.0	
Hydrocarbon Fluid	64742-47-8	40.0 - 70.0	
Isopropyl alcohol (mfg-strong acid process)	67-63-0	3.0 - 7.0	
Methyl ethyl ketone	78-93-3	1.0 - 5.0	
Propane	74-98-6	7.0 - 13.0	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

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Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. If breathing becomes difficult give oxygen and get prompt medical attention. If breathing stops, give artificial respiration and get prompt medical attention.

Ingestion: DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately. Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

Note to Physicians:

N/E

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Foam, Dry Chemical (B-C), Carbon Dioxide

Unsuitable Extinguishing Media:

Water Spray

Products of Combustion:

Carbon dioxide, carbon monoxide, and various hydrocarbons

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers. At elevated temperatures containers may vent, rupture or burst, even violently

VI. Accidental Release Measures:

Personal Precautions:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental Precautions:

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred. Run off to sewer may create fire or explosion hazard.

Methods for Containment:

Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).

Methods for Cleanup:

Using a non-metallic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material.

Other Information:

All equipment used with handling the concentrate must be grounded. If run-off occurs, notify proper authorities as required that a spill has occurred.

VII. Handling and Storage:

Handling Precautions:

Use with adequate ventilation and proper protective equipment.

Do not use or store near fire, sparks, or open flame. Do not puncture or incinerate container. Exposure to temperatures above 120° may cause container to vent, rupture, or burst. Wearing contact lenses is inadvised while using this product. KEEP AWAY FROM CHILDREN AND ANIMALS!

Storage Precautions:

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

Keep container closed tightly when not in use.

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VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Hydrocarbon Fluid	5 mg/m ³	5 mg/m ³	Not Available
Isopropyl alcohol (mfg-strong acid process)	400 ppm	400 ppm	Not Available
Methyl ethyl ketone	200 ppm	200 ppm	Not Available
Aromatic Petroleum Distillate	Not Available	25 ppm	Not Available
Propane	N/E	1000 ppm	Not Available

Engineering Controls:

See Section 2 for applicable exposure limits. Maintain adequate ventilation. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above TLV limits.

Personal Protective Equipment:

See Section 2 for applicable exposure limits. For prolonged exposure wear protective safety glasses, gloves, and apron.

IX. Physical and Chemical Properties:

Boiling Point: N/D	Melting Point: N/A
Boiling Range: N/D	Freezing Point: N/D
Solubility In Water: Insolubility	Evaporation Rate (Butyl Acetate = 1): < 1.0
Flash Point: < 30°F	Flash Point Method: TCC
Odor Threshold: N/D	Appearance and Odor: Clear liquid with solvent odor.
Vapor Density (AIR = 1): N.D.	Vapor Pressure (mm Hg.): N. D.
pH Range: N/A	Partition Coefficient: N/D
Decomposition Temp: N/D	Auto-Ignition Temp: N/D
Lower Explosive Limit: N/D	Upper Explosive Limit: N/D
Specific Gravity (H₂O = 1): Not Available	
Other Information: VOC content: < 40% (Carb and OTC Compliant)	

X. Stability and Reactivity:

Stability:

Product is stable

Conditions to Avoid:

Avoid heat, sparks or flames.

Incompatible Materials:

Avoid contact with strong oxidizers

Hazardous Decomposition Products:

Carbon Dioxide, Carbon Monoxide, hydrocarbons.

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

No data available

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XII. Ecological Information:

No data available.

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in aerosol recycling centers when empty. Before offering for recycling, empty the can by using the product according to the label. DO NOT PUNCTURE! If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations.

XIV. Transport Information:

Shipping Name: Not Available

DOT Hazard Class: Not Available

UN/NA#: Not Available

DOT Subsidiary Hazard Class: Not Available

MSDSPackGroup: Not Available

Transportation Information:

Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for international and air shipping purposes.

ICAO/IATA (US)
UN number 1950
Shipping Name: Aerosols
Class: 2.1

International:

ICAO/IATA
UN number: UN1950
Shipping Name: Aerosols
Class: 2.1

IMDG
UN number: 1950
Shipping Name: Aerosols
Class: 2
EMS: F-D, S-U

XV. Regulatory Information:

See Section 2 for SARA Reportable Chemicals.

USA TSCA: All components of this material are listed on the US TSCA Inventory.

Warning: This product contains a chemical(s) known to the State of California to cause cancer or birth defects or other reproductive harm.

New Jersey Right To Know:
Acetone: 67-64-1
Xylene: 1330-20-7
Ethyl benzene: 100-41-4

Pennsylvania Right To Know
Acetone: 67-64-1
Xylene: 1330-20-7
Ethyl benzene: 100-41-4

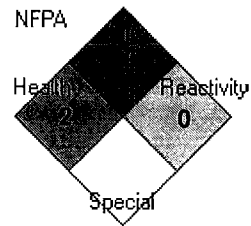
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Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

Hazard Category:

Acute Chronic Fire Reactive
 Pressure Reactive

**Additional Manufacturer Warnings:**

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

N/AV: Not Available

Additional Product Information:

WEARING CONTACT LENSES WHEN HANDLING THIS MATERIAL IS INADVISABLE! KEEP AWAY FROM CHILDREN AND ANIMALS.

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.



H Pers. Protection