

# AIROSOL COMPANY, INC.

1206 Illinois

Phone 620-325-2666

Neodesha KS 66757

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

**PRODUCT NAME:** McKay Cooling System Stop Leak

**PRODUCT NUMBER:** 50812

Medical Emergency: 1-800-633-9576 (8AM-5PM central time)

**CAS NUMBER:** Mixture See Section 3.

INFOTRAC: 1-800-535-5053

### SECTION 2: HAZARD IDENTIFICATION

While this material is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains information for the safe handling and proper use of this product.

Not Classified

No Signal word.

No known significant effects or critical hazards.

Avoid contact with eyes, skin, and clothing.

Store in a cool dry place.

**KEEP AWAY FROM CHILDREN.**

Dispose of contents and container in accordance with all local, regional, national, and international regulations.

#### OSHA Health Hazard Classification

Irritant NO Toxic NO  
Sensitizer NO Highly toxic NO  
Corrosive NO Carcinogenic NO

#### OSHA Physical Hazard Classification

Combustible NO Explosive NO Pyrophoric NO  
Flammable NO Oxidizer NO Water-Reactive NO  
Compressed Gas NO Organic Peroxide NO Unstable NO

### SECTION 3: COMPOSITION

HAZARDOUS COMPONENTS	CAS NUMBER	%
Water	7732-18-5	90-95
Hydroxyethyl Cellulose	9004-62-0	>1
Smectite	1302-78-9	1-3
Sodium Tetraborate Decahydrate	1303-96-4	>1

### SECTION 4: FIRST AID MEASURES

**Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this MSDS.**

**IF SWALLOWED:** Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If spontaneous vomiting is about to occur, place victims head between their knees to prevent aspiration. Call a physician or transport to an emergency facility immediately.

**IF IN EYES:** Rinse cautiously with water for several minutes. Lift upper and lower eyelids to ensure proper rinsing. Get medical attention if irritation persists.

**IF ON SKIN:** Wash skin with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

**IF INHALED:** Increase fresh air circulation or leave area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

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## **SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** NONFLAMMABLE      **FLAMMABLE LIMITS:** UEL N/A%    LEL N/A %

**EXTINGUISHING MEDIUM:** AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any flammable vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Firefighters should wear SCBA's in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Take proper precautions to ensure your own health and safety before attempting spill control or clean-up.**

Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area), and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

## **SECTION 7: HANDLING AND STORAGE**

Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure limits see below. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

**PERSONAL PROTECTIVE EQUIPEMNT:** Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. Minimum requirements are: SAFETY GLASSES and GLOVES.

**RESPIRATORY PROTECTION (SPECIFY TYPE):** If workplace exposure limit(s) of product or any component is exceeded (see Section two), a NIOSH approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

**HAND PROTECTION:** For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as; polyvinyl alcohol or polyethylene.

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier)

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

**BODY PROTECTION:** To prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

**OCCUPATIONAL EXPOSURE GUIDELINES:**

Substance                                      Applicable Workplace Exposure Levels

HAZARDOUS COMPONENTS	OSHA	ACGIH
Inert Dust	5 mg/m3	5 mg/m3
Hydroxyethyl Cellulose	15 mg/m3	10 mg/m3

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	COLOR: Oatmeal	ODOR: NONE
SPECIFIC GRAVITY: (H2O=1) 1.08	pH: N/A	VAPOR DENSITY (Air =1):
BOILING POINT RANGE 220°F	MELTING POINT /FREEZING POINT:	N/D
VAPOR PRESSURE (mmHg or psig @70°F): N/A	VISCOSITY (cps @ 70°F) N/D	
SOLUBILITY IN WATER % BY WT.:97%		
VOLATILE ORGANIC COMPOUNDS (VOCs) Content: Not Regulated		

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Carbon dioxide and oxide of phosphorous.

### SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological studies have been conducted on this product.  
Smectite            Inhalation LC50 rat >5.27 mg/l 4hr OECD 436  
                        Oral LD50 rat >2000 mg/kg OECD 425

### SECTION 12: ECOLOGICAL INFORMATION

No ecological studies have been conducted on this product.  
Smectite

Crustacea	EC50	Daphnia	> 100 mg/l	48 hours	
	EC50	Freshwater algae	> 100 mg/l	72 hours	
	LC50	Freshwater fish	16000 mg/l	96 hours	
	LC50	Marine Water fish	2800-3200 mg/l	24 hours	
Aquatic	Crustacea	EC50	Coon stripe shrimp	24.8 mg/l	96 hours
EC50		Dungeness or edible crab	81.6 mg/l	96 hours	
Fish		LC50	Rainbow Trout	19000 mg/l	96 hours

**ECOTOXICITY:** If spilled this any water or soil contaminated may be hazardous to human, animal and aquatic life.

**ENVIRONMENTAL FATE:** The chemicals in this product are potentially toxic to freshwater and salt water ecosystems. They will normally float on water with their lighter components evaporating rapidly. In stagnant or slow-flowing waterways, a hydrocarbon layer can cover a large surface area. As a result this layer might limit or eliminate natural atmospheric oxygen transport into the water. Which with time could lead to a fish kill or an anaerobic environment.

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## SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use. 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.

When disposing of unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

## SECTION 14: TRANSPORT INFORMATION

DOT STATUS: This material is regulated by the U.S. Department of Transportation (DOT).

PROPER SHIPPING NAME: (to ship on the ocean):

**CLNG,SCRNG OR WSH CMPDS.NON-HAZARDOUS NOT REGULATED 50812**

## SECTION 15: REGULATORY INFORMATION

### 311/312 HAZARD CATEGORIES:

Fire Hazard:    Pressure Hazard:    Reactivity Hazard:    Immediate Hazard:    Delayed Hazard:

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
None listed		

FEDERAL EPA: Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION %	RQS IN #'s
None listed			

CALIFORNIA PROPOSITION 65: No

MASSACHUSETTS RIGHT TO KNOW: Yes

Sodium Tetraborate Decahydrate	1303-96-4	>1
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PENNSYLVANIA RIGHT TO KNOW: Yes

Sodium Tetraborate Decahydrate	1303-96-4	>1
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NEW JERSEY RIGHT TO KNOW: Yes

Sodium Tetraborate Decahydrate	1303-96-4	>1
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TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOCS: NA

## SECTION 16: OTHER INFORMATION

### REVISION INFORMATION

VERSION NUMBER:1.0004

REVISION DATE: 5/24/95, 11/14/2005, 3/26/2009, 6/26/2015

PRINT DATE:

### ABBREVIATIONS:

N/A: Not Applicable

N/D: Not Determined

NE: Not Established

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

HMIS: Hazardous Materials Information System

NFPA: National Fire Protection Association

EPA: US Environmental Protection Agency NIOSH: National Institute of Occupational Safety

and Health

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