

MSDS Material Safety Data Sheet

AIOD



SERVICE PRO 2 STEP COOLING SYSTEM RE-CHARGE KIT SP9202

MSDS Number: SP9202

Revision Date: 08/08/2007

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

AIOD
ASSOCIATION OF INDEPENDENT OIL DISTRIBUTORS
700 S. CASCADE
MONTROSE, CO 81401

Contact:

Telephone Number: (970) 249-6336

FAX Number: (970) 240-4131

E-Mail:

Web

Product Name: SERVICE PRO 2 STEP COOLING SYSTEM RE-CHARGE KIT SP9202
Revision Date: 08/08/2007
MSDS Number: SP9202
Common Name: TWIN PACK COMPOSED OF COOLING SYSTEM CLEANER & TREATMENT

2 COMPOSITION/INFORMATION ON INGREDIENTS

THIS TWIN PACK CONSIST OF SERVICE PRO PRODUCTS, COOLING SYSTEM CLEANER SP9200 AND COOLING SYSTEM TREATMENT SP9212.

PLEASE REFER TO SPECIFIC MSDSS FOR DETAILS

3 HAZARDS IDENTIFICATION

Route of Entry:

Target Organs:

Inhalation:

Skin Contact:

Eye Contact:

Ingestion:

4 FIRST AID MEASURES

Inhalation:

Skin Contact:

Eye Contact:

Ingestion:

5 FIRE FIGHTING MEASURES

MSDS Material Safety Data Sheet

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SERVICE PRO COOLING SYSTEM CLEANER SP9200

MSDS Number: SP9200

Revision Date: 08/08/2007

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

AIOD
ASSOCIATION OF INDEPENDANT OIL DISTRIBUTORS
700 S. Cascade
Montrose, CO 81401

Contact:

Telephone Number: (970) 249-6336
FAX Number: (970) 240-4131
E-Mail:
Web

Product Name: SERVICE PRO COOLING SYSTEM CLEANER SP9200
Revision Date: 08/08/2007
MSDS Number: SP9200
Common Name: AN AQUEOUS CLEANING SOLUTION OF NITRITES, NITRATES & SODIUM TETRABORATE

EMERGENCY PHONE NUMBER (800) 752-7869

NFPA 704M RATING :

HEALTH:1 FIRE:0 REACTIVITY:0 SPECIAL:

O=INSIGNIFICANT 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME

2 COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	PERCENT WEIGHT
SODIUM NITRITE	7632-00-0	1-5%
SODIUM TETRABORATE	1330-43-4	1-5%
SODIUM HYDROXIDE	1310-73-2	1-5%
SODIUM TOLYTRIAZOLE	64665-57-2	1-5%

3 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption ,inhalation, eye contact, ingestion
Target Organs: None Known
Inhalation: No hazard in industrial use.
Skin Contact: Prolonged contact with skin can cause irritation.
Eye Contact: Will cause irritation upon contact.
Ingestion: Irritating to mouth, throat, and stomach.May cause discomfort, nausea,vomiting and diarrhea.

CARCINOGENICITY: Product is not considered a carcinogen by OSHA, NTP or IARC.

MEDICAL CONDITIONS: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.

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SERVICE PRO COOLING SYSTEM CLEANER SP9200

MSDS Number: SP9200

Revision Date: 08/08/2007

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4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product.

Skin Contact: Wash area with soap and water. seek medical attention if irritation persists

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

Ingestion: Induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS anything by mouth.

5 FIRE FIGHTING MEASURES

Flash Point: N/A

Product will not support combustion

6 ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Notify safety personnel evacuate all unnecessary personnel and provide adequate ventilation. If feasible, and without risk, clean-up personnel should stop leak. All clean up personnel should wear proper personal protective equipment.

SMALL SPILLS: Clean with inert absorbent and place in recovery drums for disposal.

LARGE SPILLS: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations.

7 HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after handling. Do not get into eyes, on skin or on clothing.. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

Storage Requirements: Store in clean, dry locations away from excessive heat.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash station and safety shower.
Strong general ventilation or local exhaust.

Protective Equipment: EYE: Chemical splash goggles with indirect or no ventilation.
SKIN :Chemical resistant gloves such as nitrile.
RESPIRATORY: Organic vapor air purifying respirator if vapors are a nuisance or if the concentrations are above PEL or TLV.
Never eat drink or smoke in the work area.

Exposure Guidelines/Other: Never eat, drink or smoke in work area

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SERVICE PRO COOLING SYSTEM CLEANER SP9200

MSDS Number: SP9200

Revision Date: 08/08/2007

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Purple liquid	Boiling Point:	BT 212 - 215 F
Physical State:	Liquid	Freezing/Melting Pt.:	
Odor:	None	Solubility:	Completely
pH:	12.0	Spec Grav./Density:	1.3
Vapor Pressure:			
Vapor Density:	>1		

10 STABILITY AND REACTIVITY

Stability:	Material is stable.
Conditions to avoid:	Excessive heat and open flame.
Materials to avoid (incompatibility):	Strong oxidizing agents and reducing agents
Hazardous Decomposition products:	Carbon Monoxide and Carbon Dioxide
Hazardous Polymerization:	Cannot occur.

11 TOXICOLOGICAL INFORMATION

LD50
Sodium Nitrite : 120 mg/kg (oral)
Sodium Nitrate : 4300mg/kg (oral)
Sodium Tetraborate: 3200 mg/kg (oral)

12 ECOLOGICAL INFORMATION

No data

13 DISPOSAL CONSIDERATIONS

As a waste, this product in its raw form DOES NOT MEET the criteria of a hazardous waste as defined by RCRA (40CFR361).
Dispose of in accordance with all applicable state, federal and local regulations.

14 TRANSPORT INFORMATION

DOMESTIC:
Not Regulated

EXPORT:
Not Regulated

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SERVICE PRO COOLING SYSTEM CLEANER SP9200

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15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA: Considered to be a hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III

Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n):

IMMEDIATE (acute) HEALTH HAZARD

Section 313(40CFR372) This product does not contains ingredients which are subject to the reporting requirements of SARA 313:

16 OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product does not contain ingredients which are on the current Proposition 65 list.

NEW JERSEY RIGHT-TO-KNOW: This product contains the following ingredients which are non-hazardous, but are among the top five ingredients in this product:

-----CAS#-----
7732-18-5: Water

Notes:

NG= NOT GIVEN

BT= BETWEEN

<= LESS THAN

>= GREATER THAN

USERS RESPONSIBILITY;This MSDS provides environmental, health and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed to the recommended safety precautions and have access to this MSDS. Please contact your local sales representative ot our EH&S Department for further information.

END OF MSDS

END OF MSDS DOCUMENT

MSDS Material Safety Data Sheet

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SERVICE PRO COOLING SYSTEM TREATMENT SP9212

MSDS Number: SP9212

Revision Date: 08/08/2007

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Manufacturer

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700 S. Cascade
Montrose, CO 81401

Contact: EH&S Manager
Telephone Number: (970) 249-6336
FAX Number: (970) 240-4131
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Product Name: SERVICE PRO COOLING SYSTEM TREATMENT SP9212
Revision Date: 08/08/2007
MSDS Number: SP9212
Common Name: AN AQUEOUS SOLUTION OF NITRITES, NITRATES AND SODIUM TETRABORATE

EMERGENCY PHONE NUMBER (800) 752-7869

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HEALTH:1 FIRE:0 REACTIVITY:0 SPECIAL:

O=INSIGNIFICANT 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME

2 COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	PERCENT WEIGHT
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SODIUM METASILICATE	6834-92-0	0.5-2.5%
SODIUM TETRABORATE	1330-43-4	1-2%
SODIUM NITRATE	7631-99-4	0.1-0.5%
SODIUM HYDROXIDE	1310-73-2	0.5-2%
SODIUM TOLYTRIAZOLE	64665-57-2	0.5-2.0%
WATER	6771-18-5	>90%

3 HAZARDS IDENTIFICATION

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Target Organs: None Known
Inhalation: No hazard in industrial use.
Skin Contact: Prolonged contact with skin can cause irritation.
Eye Contact: Will cause irritation upon contact.
Ingestion: Irritating to mouth, throat, and stomach.May cause discomfort, nausea,vomiting and diarrhea.

CARCINOGENICITY: Product is not considered a carcinogen by OSHA, NTP or IARC.

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Appearance:	Clear liquid	Boiling Point:	BT 212 - 215 F
Physical State:	Liquid	Freezing/Melting Pt.:	
Odor:	None	Solubility:	Completely
pH:	12.0	Spec Grav./Density:	1.3
Vapor Pressure:			
Vapor Density:	>1		

10 STABILITY AND REACTIVITY

Stability:	Material is stable.
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