

# MSDS Material Safety Data Sheet

**AIOD**



## SERVICE PRO FUEL INJECTOR CLEANER SP9112

MSDS Number: SP9112

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 FUEL INJECTOR CLEANER SP9112  
**Revision Date:** 08/08/2007  
**MSDS Number:** SP9112  
**Common Name:** FUEL ADDITIVE PRODUCT CONTAINING KEROSENE

EMERGENCY PHONE NUMBER (800) 752-7869

NFPA 704M RATING :

HEALTH:1 FIRE:2 REACTIVITY:0 SPECIAL:

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

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT WEIGHT
KEROSENE	8008-20-6	90-95%
XYLENE	1330-20-7	1-5%

### 3 HAZARDS IDENTIFICATION

**Route of Entry:** Skin absorption and inhalation  
**Target Organs:** Lungs, kidneys, liver and nervous system.  
**Inhalation:** Respiratory irritation and dizziness  
**Skin Contact:** Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis  
**Eye Contact:** Will cause irritation upon contact.  
**Ingestion:** Product 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 FUEL INJECTOR CLEANER SP9112

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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:** DO NOT 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:** 104-111 F  
**Flash Point Method:** TCC

**EXTINGUISHING MEDIA:** Carbon Dioxide ( CO2) Dry Chemical, Foam.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors are heavier than air and can collect in low areas

**FIRE FIGHTING INSTRUCTIONS:** Containers can build up pressure if exposed to fire. Containers should be cooled with water supply.

**FIRE FIGHTING EQUIPMENT:** Self- contained breathing apparatus with full face piece operated in positive pressure mode.

### 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. Store in areas designated for the storage of flammable liquids according to NFPA 30 ( Flammable and Combustible Liquids Code)

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Eye wash station and safety shower.  
General ventilation. Material non - volatile
- 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.

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

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## SERVICE PRO FUEL INJECTOR CLEANER SP9112

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	amber colored	<b>Boiling Point:</b>	BT >320 F
<b>Physical State:</b>	liquid	<b>Freezing/Melting Pt.:</b>	
<b>Odor:</b>	petroleum distillate	<b>Solubility:</b>	Not soluble in water
<b>pH:</b>		<b>Spec Grav./Density:</b>	BT 0..81 - 0.91
<b>Vapor Pressure:</b>	<5.0 mmHG		
<b>Vapor Density:</b>	>1		
<b>VOC:</b>	100		
<b>Evap. Rate:</b>	>1.0		

### 10 STABILITY AND REACTIVITY

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

### 11 TOXICOLOGICAL INFORMATION

LD50

KEROSENE	28 ml/kg (oral)
Xylene:	7.53 g/kg (oral)

### 12 ECOLOGICAL INFORMATION

No data.

### 13 DISPOSAL CONSIDERATIONS

As a waste, this product in its raw form DOES MEET the criteria of a hazardous waste as defined by RCRA (40CFR361). As a waste this product can be fuel blended at a fuel blending facility. Dispose of in accordance with all applicable state, federal and local regulations.

### 14 TRANSPORT INFORMATION

DOMESTIC:  
CONSUMER COMMODITY ORM-D

EXPORT:  
FLAMMABLE LIQUIDS, N.O.S. (KEROSENE), CLASS 3, UN1993,PGIII,  
LIMITED QUANTITY

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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

DELAYED (chronic) HEALTH HAZARD

FIRE HAZARD

Section 313(40CFR372) This product contains ingredients which are subject to the reporting requirements of SARA 313: XYLENE

### 16 OTHER INFORMATION

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

#### 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 or 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 INTAKE VALVE DEPOSIT CLEANER SP9312

MSDS Number: SP9312

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 INTAKE VALVE DEPOSIT CLEANER SP9312  
Revision Date: 08/08/2007  
MSDS Number: SP9312  
Common Name: ENGINE TREATMENT PRODUCT CONTAINING TOLUENE

EMERGENCY PHONE NUMBER (800) 752-7869

NFPA 704M RATING :

HEALTH:2 FIRE:3 REACTIVITY:0 SPECIAL:

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

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT WEIGHT
TOLUENE	108-88-3	09-13%
XYLENE	1330-20-7	80-85%
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROMATIC	64742-95-6	0.6-1.0%

## 3 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption and inhalation  
Target Organs: Lungs, kidneys, liver and nervous system.  
Inhalation: Respiratory irritation and dizziness  
Skin Contact: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis  
Eye Contact: Will cause irritation upon contact.  
Ingestion: Product 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 INTAKE VALVE DEPOSIT CLEANER SP9312

MSDS Number: SP9312

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: DO NOT 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: 80 F  
Flash Point Method: TCC

EXTINGUISHING MEDIA: Carbon Dioxide ( CO2) Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can collect in low areas

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water supply.

FIRE FIGHTING EQUIPMENT: Self- contained breathing apparatus with full face piece operated in positive pressure mode.

### 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. Store in areas designated for the storage of flammable liquids according to NFPA 30 ( Flammable and Combustible Liquids Code)

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash station and safety shower.  
General ventilation. Material non - volatile

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.

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

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SERVICE PRO INTAKE VALVE DEPOSIT CLEANER SP9312

MSDS Number: SP9312

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless	Boiling Point:	BT 308-378 F
Physical State:	liquid	Freezing/Melting Pt.:	
Odor:	hydrocarbon	Solubility:	Not soluble in water
pH:		Spec Grav./Density:	BT 0..81 - 0.91
Vapor Pressure:	BT 0.1- 3.0 mmHG		
Vapor Density:	4.1		
VOC:	100		
Evap. Rate:	>1.0		

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

LD50 Toluene: 7.71 g/kg (oral)

## 12 ECOLOGICAL INFORMATION

No data.

## 13 DISPOSAL CONSIDERATIONS

As a waste, this product in its raw form DOES MEET the criteria of a hazardous waste as defined by RCRA (40CFR361). As a waste this product can be fuel blended at a fuel blending facility. Dispose of in accordance with all applicable state, federal and local regulations.

## 14 TRANSPORT INFORMATION

DOMESTIC:  
CONSUMER COMMODITY ORM-D

EXPORT:  
FLAMMABLE LIQUIDS, N.O.S. (TOLUENE), CLASS 3, UN1993,PGIII,  
LIMITED QUANTITY FP 4 C

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SERVICE PRO INTAKE VALVE DEPOSIT CLEANER SP9312

MSDS Number: SP9312

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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

DELAYED (chronic) HEALTH HAZARD

FIRE HAZARD

Section 313(40CFR372) This product contains ingredients which are subject to the reporting requirements of SARA 313: NONE

## 16 OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product contains ingredients which are on the current Proposition 65 list, and are known to the State of California to cause cancer:  
TOLUENE

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#-----

### 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 or 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 FUEL INJECTOR AIR INTAKE CLEANER SP2412

MSDS Number: SP2412

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 FUEL INJECTOR AIR INTAKE CLEANER SP2412  
Revision Date: 08/08/2007  
MSDS Number: SP2412  
Common Name: AEROSOL CARBURETOR CLEANER CONTAINING ORGANIC SOLVENTS

EMERGENCY PHONE NUMBER (800) 752-7869

NFPA 704M RATING :

HEALTH:2 FIRE:4 REACTIVITY:0 SPECIAL:

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

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT WEIGHT
TOLUENE	108-88-3	30-35%
ACETONE	67-64-1	30-35%
XYLENE	1330-20-7	10-15%
CARBON DIOXIDE	124-38-9	5-19%
2-BUTOXYETHANOL	111-76-2	4-6%

### 3 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption and inhalation  
Target Organs: Lungs, kidneys, liver and nervous system.  
Inhalation: Respiratory irritation and dizziness  
Skin Contact: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis  
Eye Contact: Will cause irritation upon contact.  
Ingestion: Product 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 FUEL INJECTOR AIR INTAKE CLEANER SP2412

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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: DO NOT 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: 1-45 F  
Flash Point Method: TCC

EXTINGUISHING MEDIA: Carbon Dioxide ( CO2) Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can collect in low areas

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water supply.

FIRE FIGHTING EQUIPMENT: Self- contained breathing apparatus with full face piece operated in positive pressure mode.

### 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. Store in areas designated for the storage of Level III aerosols according to NFPA 30B ( Manufacturing and Storage of Aerosol Products.)

### 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.

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

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid	Boiling Point:	BT 220-440 F
Physical State:	liquid	Freezing/Melting Pt.:	
Odor:	Organic solvent odor	Solubility:	Partially soluble in water
pH:		Spec Grav./Density:	BT 0.785 - 0.870
Vapor Pressure:	BT 22-181 mmHG		
Vapor Density:	>1		

VOC: 100 %

### 10 STABILITY AND REACTIVITY

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

### 11 TOXICOLOGICAL INFORMATION

LD50  
Toluene: 7.71 g/kg (oral)  
Acetone: 10.7 ml/kg (oral)  
Xylene: 7.53 g/kg (oral)

### 12 ECOLOGICAL INFORMATION

No data.

### 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable state, federal and local regulations. As a waste, this product in its raw form DOES MEET the criteria of a hazardous waste as defined by RCRA (40CFR361). As a waste this product can be fuel blended at a fuel blending facility. Dispose of in accordance with all applicable state, federal and local regulations.

### 14 TRANSPORT INFORMATION

DOMESTIC:  
CONSUMER COMMODITY ORM-D

EXPORT:  
AEROSOL DISPENSERS, CLASS 2.1 UN1950, IMCO 9.0, PAGE 9022

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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

DELAYED (chronic) HEALTH HAZARD

FIRE HAZARD

SUDDEN RELEASE HAZARD

Section 313(40CFR372) This product contains ingredients which are subject to the reporting requirements of SARA 313:

Toluene

Xylene

2 Butoxyethanol

## 16 OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product contains ingredients which are on the current Proposition 65 list, and are known to the State of California to cause cancer:

Toluene

### 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 or our EH&S Department for further information.

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