

# SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

**Product Name:** Service Pro® Instant Shudder Fixx  
**Product Code:** SP89610, SP89611

### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Use:** Lubricant.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Manufactured by:  
 International Lubricants, Inc.  
 PO Box 24743  
 Seattle, WA, USA 98124

Manufactured for:  
 AIOD  
 PO Box 1861  
 Montrose, CO, USA 81402-1861

T 206-762-5343

T 970-249-6336

### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:** CHEM TEL (800) 255-3924  
 CHEM TEL (813) 248-0585

## Section 2: HAZARD(S) IDENTIFICATION

### 2.1 CLASSIFICATION OF THE CHEMICAL ACCORDING TO OSHA HAZCOM 2012

#### Hazard class

Acute toxicity 4 – Oral  
 Skin Irritation 2  
 Serious Eye Damage 1

### 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012

#### Hazard Pictogram:



**Signal Word:** Danger

**Hazard Statement:** Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

**Prevention:** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/eye protection/face protection.

**Response:** If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

**Storage:** Not applicable.

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

### 2.3 ADDITIONAL INFORMATION

**Hazards not otherwise specified:** Not applicable.

58 % of the mixture consists of ingredient(s) of unknown acute toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 MIXTURES

| Ingredient  | CAS No     | Wt. %   |
|---|------------|---------|
| Lubricating oils, refined used                                | 68476-77-7 | 30 - 60 |
| Amines, C12-14-alkyl, C6-10-alkyl phosphates                  | 68603-55-4 | 30 - 60 |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | 68649-42-3 | 7 - 13  |
| Ethylbenzene  | 100-41-4   | < 0.1   |

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### Section 4: FIRST- AID MEASURES

#### 4.1 DESCRIPTION OF THE FIRST AID MEASURE

**Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Immediately call a poison center/doctor.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a poison center/doctor.

#### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**Eye:** Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Skin:** Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea, or vomiting.

#### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

**Note to Physicians:** Symptoms may not appear immediately.

**Specific Treatments:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

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## Section 5: FIRE-FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a direct stream of water.

### 5.2 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

**Products of Combustion:** May include, and are not limited to: oxides of carbon, oxides of phosphorous, sulphur dioxide

### 5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

**Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:** Scoop up material and place in a disposal container. Provide ventilation.

## Section 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Handling:** Avoid contact with skin and eyes. Do not swallow. Avoid breathing dust/fume/gas/mist/vapors/spray. Handle and open container with care. When using do not eat or drink. (See section 8)

**General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Keep out of the reach of children. Keep container tightly closed in a well-ventilated place. Do not store at temperatures above 49 °C / 120 °F. (See section 10)

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

#### Exposure Guidelines

| Occupational Exposure Limits                 |                |                |
|--|----------------|----------------|
| Ingredient                                   | OSHA-PEL       | ACGIH-TLV      |
| Lubricating oils, refined used               | Not available. | Not available. |
| Amines, C12-14-alkyl, C6-10-alkyl phosphates | Not available. | Not available. |

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|   |                                |                |
|---|--------------------------------|----------------|
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | Not available.                 | Not available. |
| Ethylbenzene  | 100 ppm; 435 mg/m <sup>3</sup> | 20 ppm         |

### 8.2 EXPOSURE CONTROLS

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### 8.3 INDIVIDUAL PROTECTIVE MEASURES

#### Personal Protective Equipment:

**Eye/Face Protection:** Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

#### Skin Protection:

**Hand Protection:** Wear chemically resistant protective gloves.

**Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

|   |                           |
|---|---------------------------|
| <b>Appearance:</b>                              | Oily liquid.              |
| <b>Color:</b>                                   | Red.                      |
| <b>Odor:</b>                                    | Slight petroleum odor.    |
| <b>Odor Threshold:</b>                          | Not available.            |
| <b>Physical State:</b>                          | Liquid.                   |
| <b>pH:</b>                                      | Not available.            |
| <b>Melting Point/Freezing Point:</b>            | Not available.            |
| <b>Initial Boiling Point and Boiling Range:</b> | Not available.            |
| <b>Flash Point:</b>                             | > 205 °C (> 401 °F)       |
| <b>Evaporation Rate:</b>                        | Negligible.               |
| <b>Flammability:</b>                            | Not flammable.            |
| <b>Lower Flammability/Explosive Limit:</b>      | Not available.            |
| <b>Upper Flammability/Explosive Limit:</b>      | Not available.            |
| <b>Vapor Pressure:</b>                          | < 1 mm Hg @ 25 °C (77 °F) |
| <b>Vapor Density:</b>                           | Not available.            |
| <b>Relative Density/Specific Gravity:</b>       | 0.9 - 0.95                |
| <b>Solubility:</b>                              | Insoluble.                |
| <b>Partition coefficient: n-octanol/water:</b>  | Not available.            |

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|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Auto-ignition Temperature:</b> | Not available.            |
| <b>Decomposition Temperature:</b> | Not available.            |
| <b>Viscosity:</b>                 | 60.5 cSt @ 40 °C (104 °F) |
| <b>Oxidizing Properties:</b>      | Not available.            |
| <b>Explosive Properties:</b>      | Not available.            |

### Section 10: STABILITY AND REACTIVITY

#### 10.1 REACTIVITY

No dangerous reaction known under conditions of normal use.

#### 10.2 CHEMICAL STABILITY

Stable under normal storage conditions.

#### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reaction known under conditions of normal use.

#### 10.4 CONDITIONS TO AVOID

Heat. Incompatible materials.

#### 10.5 INCOMPATIBLE MATERIALS

Strong oxidizers.

#### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon, oxides of phosphorous, sulphur dioxide..

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

**Likely Routes of Exposure:** Eye contact, skin contact, inhalation, ingestion.

**Symptoms related to physical/chemical/toxicological characteristics:**

**Eye:** Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Skin:** Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea, or vomiting..

**Inhalation:** May cause respiratory tract irritation.

**Acute Toxicity:**

| Ingredient  | LC50                             | LD50   |
|---|----------------------------------|--|
| Lubricating oils, refined used                                | Not available.                   | Not available.                                     |
| Amines, C12-14-alkyl, C6-10-alkyl phosphates                  | Not available.                   | Not available.                                     |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | Not available.                   | Not available.                                     |
| Ethylbenzene  | Inhalation<br>17.2 mg/L 4hr, rat | Oral 3500 mg/kg, rat<br>Dermal 15354 mg/kg, rabbit |

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| Calculated overall Chemical Acute Toxicity Values             |   |                |
|---|---|----------------|
| LC50 (inhalation)   | LD50 (oral)   | LD50 (dermal)  |
| Not available.  | >300 but ≤2000 mg/kg, rat   | Not available. |
| Ingredient  | Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)* |                |
| Lubricating oils, refined used                                | Not listed.   |                |
| Amines, C12-14-alkyl, C6-10-alkyl phosphates                  | Not listed.   |                |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | Not listed.   |                |
| Ethylbenzene  | G-A3, I-2B, CP65  |                |

\* See Section 15 for more information.

### 11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

|                                       |   |
|---------------------------------------|---|
| <b>Skin Corrosion/Irritation:</b>     | Causes skin irritation.   |
| <b>Serious Eye Damage/Irritation:</b> | Causes serious eye damage.  |
| <b>Respiratory Sensitization:</b>     | Based on available data, the classification criteria are not met. |
| <b>Skin Sensitization:</b>            | Based on available data, the classification criteria are not met. |
| <b>STOT-Single Exposure:</b>          | Based on available data, the classification criteria are not met. |
| <b>Chronic Health Effects:</b>        |   |
| <b>Carcinogenicity:</b>               | Based on available data, the classification criteria are not met. |
| <b>Germ Cell Mutagenicity:</b>        | Based on available data, the classification criteria are not met. |
| <b>Reproductive Toxicity:</b>         |   |
| <b>Developmental:</b>                 | Based on available data, the classification criteria are not met. |
| <b>Fertility:</b>                     | Based on available data, the classification criteria are not met. |
| <b>STOT-Repeated Exposure:</b>        | Based on available data, the classification criteria are not met. |
| <b>Aspiration Hazard:</b>             | Based on available data, the classification criteria are not met. |
| <b>Other Information:</b>             | Not available.  |

### Section 12: ECOLOGICAL INFORMATION

#### 12.1 ECOTOXICITY

**Acute/Chronic Toxicity:** May cause long-term adverse effects in the aquatic environment.

#### 12.2 PERSISTENCE AND DEGRADABILITY

Not available.

#### 12.3 BIOACCUMULATIVE POTENTIAL

**Bioaccumulation:** Not available.

#### 12.4 MOBILITY IN SOIL

Not available.

#### 12.5 OTHER ADVERSE EFFECTS

Not available.

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## Section 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

**Disposal Method:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

**Other disposal recommendations:** Not available.

## Section 14: TRANSPORT INFORMATION

### 14.1 UN NUMBER

Not regulated.

### 14.2 UN PROPER SHIPPING NAME

Not applicable.

### 14.3 TRANSPORT HAZARD CLASS(ES)

Not applicable.

### 14.4 PACKING GROUP

Not applicable.

### 14.5 ENVIRONMENTAL HAZARDS

Not available.

### 14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available.

### 14.7 SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

## Section 15: REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

| SARA Title III  |                              |                           |                  |             |
|---|------------------------------|---------------------------|------------------|-------------|
| Ingredient  | Section 302 (EHS) TPQ (lbs.) | Section 304 EHS RQ (lbs.) | CERCLA RQ (lbs.) | Section 313 |
| Lubricating oils, refined used                                | Not listed.                  | Not listed.               | Not listed.      | Not listed. |
| Amines, C12-14-alkyl, C6-10-alkyl phosphates                  | Not listed.                  | Not listed.               | Not listed.      | Not listed. |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | Not listed.                  | Not listed.               | ***              | 313         |
| Ethylbenzene  | Not listed.                  | Not listed.               | 1,000            | 313         |

### State Regulations

#### California Proposition 65:

This product contains a chemical known to the State of California to cause cancer.

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**Global Inventories:**

| Ingredient  | USA<br>TSCA |
|---|-------------|
| Lubricating oils, refined used                                | Yes.        |
| Amines, C12-14-alkyl, C6-10-alkyl phosphates                  | Yes.        |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | Yes.        |
| Ethylbenzene  | Yes.        |

**NFPA-National Fire Protection Association:**

|                    |   |
|--------------------|---|
| <b>Health:</b>     | 2 |
| <b>Fire:</b>       | 1 |
| <b>Reactivity:</b> | 1 |

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

**OSHA (O) Occupational Safety and Health Administration.**

**ACGIH (G) American Conference of Governmental Industrial Hygienists.**

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

**IARC (I) International Agency for Research on Cancer.**

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

**NTP (N) National Toxicology Program.**

- 1 - Known to be carcinogens.
- 2 - Reasonably anticipated to be carcinogens.

**Section 16: OTHER INFORMATION**

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**End of Safety Data Sheet**