1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier
Product Description: Assail® 30 SG Insecticide

Other means of identification
Item#: 30SG
Synonyms Not Available
Registration number(s) 8033-36-70506

Recommended use of the chemical and restrictions on use
Recommended use Insecticide.
Uses advised against Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet
Supplier Address
United Phosphorus Inc.
630 Freedom Business Center
Suite 402
King of Prussia, PA 19406
Emergency telephone number
Company Phone Number 1-800-438-6071
Emergency telephone number Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
Medical: Rocky Mountain Poison Control Center (866) 673-6671 (24hrs)

2. Hazards Identification

Classification
OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Dermal Category 4

Label elements

EMERGENCY OVERVIEW

WARNING

hazard statements
Harmful in contact with skin

appearance Tan To brown Physical state solid powder Odor No information available

Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
Specific treatment (see .? on this label)
IF ON SKIN: Wash with plenty of soap and water
Call a POISON CENTER or doctor if you feel unwell
Wash contaminated clothing before reuse

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)
OTHER INFORMATION
• Harmful to aquatic life with long lasting effects

### 3.Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetamiprid</td>
<td>135410-20-7</td>
<td>&gt;30</td>
<td></td>
</tr>
</tbody>
</table>

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

### 4. First aid measures

**FIRST AID MEASURES**

**Eye contact**
Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin contact**
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

**Inhalation**
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.

**Ingestion**
Call a physician or poison control center immediately. Clean mouth with water. Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Most Important Symptoms and Effects**
No information available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to physician**
No information available.

### 5. Fire-fighting measures

**Suitable extinguishing media**

**Unsuitable extinguishing media**
No information available.

**Specific hazards arising from the chemical**
No information available.

**Hazardous combustion products**
Dust clouds generated during handling and/or storage can form explosive mixtures with air.
Dust explosion characteristics vary with the particle size, particle shape, moisture content, contaminants, and other variables.

As with any dry material, pouring this material or allowing it to free fall or be conveyed through chutes or pipes can accumulate and generate electrostatic sparks, potentially causing ignition of the material itself, or any flammable materials which may come into contact with the material or its container. Check that all equipment is properly grounded and installed to satisfy electrical classification requirements.

**Explosion data**

**Protective equipment and precautions for firefighters**
Use personal protective equipment. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Avoid contact with the skin and the eyes. Use personal protective equipment. Avoid dust formation.

**Environmental Precautions**

**Environmental precautions**
Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

**Methods and material for containment and cleaning up**

**Methods for Clean-Up**
Avoid dust formation. Sweep up and shovel into suitable containers for disposal. Reduce dust spreading with water spray, collect rinsate.

---

**7. Handling and Storage**

**Precautions for safe handling**

**Handling**
Keep out of reach of children. Avoid dust formation. Avoid breathing dust. Fine dust dispersed in air may ignite. Provide appropriate exhaust ventilation at places where dust is formed. Check that all equipment is properly bonded and grounded. Do not cut grind or weld on or near containers - explosion hazard. - Bad translation. Use spark resistant tools. Use explosion proof equipment. Keep container tightly closed. Flush container clean before discarding. Do not reuse container as it may retain hazardous product residue. Prevent dust accumulation. Avoid spray drift. Do not apply when weather conditions may cause drift. Do not allow this product to drift to non-target areas. Do not apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions.

**Conditions for safe storage, including any incompatibilities**

**Storage**
Keep away from open flames, hot surfaces and sources of ignition. Static electricity may accumulate when transferring material. All containers must be bonded and grounded during filling and emptying operations.

**incompatible materials**
Strong oxidizing agents.

---

**8. Exposure Controls/Personal Protection**

**Exposure guidelines**
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering controls**
Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.
Personal protective equipment

Eye/Face Protection
Use eye protection to avoid eye contact. Where there is potential for eye contact have eye flushing equipment available. If splashes are likely to occur, wear: Goggles.

Skin protection

Respiratory protection
Avoid breathing dust. Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations
Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>VALUES</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>solid powder</td>
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<tr>
<td>appearance</td>
<td>Tan To brown</td>
<td>Odor No information available</td>
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<tr>
<td>color</td>
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<td></td>
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<tr>
<td>pH</td>
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<tr>
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<tr>
<td>Boiling Point/Range</td>
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</tr>
<tr>
<td>Flash Point</td>
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<td></td>
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<td>Evaporation Rate</td>
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<td>flammability (solid, gas)</td>
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<td>Flammability limit in air</td>
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<td>Upper Flammability Limit</td>
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<tr>
<td>Lower Flammability Limit</td>
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<tr>
<td>vapor pressure</td>
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<td>Solubility in Other Solvents</td>
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<td>Autoignition temperature</td>
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<tr>
<td>Viscosity, kinematic</td>
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<td>Dynamic viscosity</td>
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<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
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<tr>
<td>OTHER INFORMATION</td>
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<td>Softening point</td>
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<td>molecular weight</td>
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<td>density</td>
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<tr>
<td>Bulk density</td>
<td>0.71 g/cm3 (Tap)</td>
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</table>

10. Stability and Reactivity

Reactivity
no data available
Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
Avoid dust formation.

incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Carbon oxides. Nitrogen oxides (NOx).

11. Toxicological Information

Information on Likely Routes of Exposure

Product information
Acetamiprid Single exposure studies indicate: Oral - Slightly toxic to rats (LD50 male 886 mg/kg; female 805 mg/kg) and moderately toxic to mice (LD50 male 153 mg/kg; female 133 mg/kg) Dermal - No more than slightly toxic to rats (LD50>2,000 mg/kg) Eye irritation - Moderately irritating to rabbits Skin irritation - Slightly irritating to rabbits No skin allergy was observed in guinea pigs following repeated exposure. No genetic changes were observed in standard tests using Ames, UDS, Micronucleus (mouse) Positive responses have been reported in generic tests using the chromosomal aberration test.

Inhalation
There is no data available for this product.

Eye contact
Moderately irritating to the eyes.

Skin contact
Slightly irritating.

Ingestion
HARMFUL IF SWALLOWED.

Information on Toxicological Effects

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization
No information available.

Mutagenic effects
No information available.

Carcinogenicity
There are no known carcinogenic chemicals in this product.

Reproductive effects
Not Available.

STOT - Single Exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration hazard
No information available.

Numerical Measures of Toxicity - Product information

LD50 Oral 805-886 mg/kg (rat)
LD50 Dermal > 2000 mg/kg

12. Ecological Information

ecotoxicity

Assail 30 SG
Non toxic
Rainbow trout 96 hr LC50 = >120 mg/L
Daphnia magna 48 hr EC50 = >120 mg/L  
Green Algae 72 hr EC50 = 880 mg/L

**Persistence/Degradability**
No information available.

**Bioaccumulation/Accumulation**
No information available.

**Other Adverse Effects**
Toxic to bees.

### 13. Disposal Considerations

**Waste Treatment Methods**

**Waste Disposal Method**
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Contaminated packaging**
Non refillable container. Do not reuse this container. Refer to product label.

### 14. Transport Information

**DOT**
NOT REGULATED

**TDG**
NOT REGULATED

**IATA**
NOT REGULATED

**IMDG/IMO**
NOT REGULATED

### 15. Regulatory Information

**International Inventories**

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
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<tr>
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<tr>
<td>DSL/NDSL</td>
<td>Not determined</td>
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<td>EINECS/</td>
<td>Does not comply</td>
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<tr>
<td>ELINCS</td>
<td></td>
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<tr>
<td>ENCS</td>
<td>Does not comply</td>
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<tr>
<td>China</td>
<td>Does not comply</td>
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<tr>
<td>KECL</td>
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<td>PICCS</td>
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<td>AICS</td>
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<tr>
<td>TSCA</td>
<td>Does not comply</td>
</tr>
</tbody>
</table>

*TSCA* - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
ENCS - Japan Existing and New Chemical Substances
30SG Assail® 30 SG Insecticide

Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous

Categorization

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
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<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
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<tr>
<td>Chronic health hazard</td>
<td>No</td>
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<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
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</table>

CERCLA

RCRA

Pesticide Information

State Regulations

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
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<tbody>
<tr>
<td>Acetamiprid</td>
<td></td>
<td></td>
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<td>X</td>
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</table>

International regulations

U.S. EPA Label information

EPA Pesticide registration number 8033-36-70506

16. Other Information

<table>
<thead>
<tr>
<th>NFPA HEALTH</th>
<th>flammability</th>
<th>Instability</th>
<th>Physical hazard</th>
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Preparation Date 17-Apr-2015
Revision date 05-Nov-2015
Revision Summary Update to GHS format

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End of MSDS