1. Chemical Product Identification
   Product Code(s): B19002,30
   Product Name: Bio-90 Nonionic Surfactant
   Product Class: Spray Adjuvant

2. Composition / Information on Ingredients
   OSHA Hazardous Components (29 CFR 1910.1200)
   
<table>
<thead>
<tr>
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<th>OSHA PEL</th>
<th>ACGIH TLV</th>
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<tbody>
<tr>
<td>Hexylene Glycol</td>
<td>25 ppm ,125mg/m3</td>
<td>25 ppm ,125mg/m3</td>
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3. Hazard Identification
   Potential Health Effects
   Eyes:
   Slight Irritation
   Skin:
   Mild to moderate irritation
   Ingestion:
   Slight throat irritation and respiratory discomfort
   Inhalation:
   Inhalation of high concentrations of mist may cause headaches and dizziness.

   Medical Conditions Aggravated: No Data
   Routes Of Entry: No Data
   Target Organs: No Data

4. First Aid Measures
   Eyes:
   Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.
   Ingestion:
   If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.
   Inhalation:
   Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
   Skin:
   In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.
   Antidotes:
   Treat symptomatically. No specific antidote available.

5. HMIS Codes
   Fire: 1
   Health: 1
   Reactivity: 0
   Protection: X

Notes To Physician:
   All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
5. Fire Fighting Measures

Flashpoint: >200°F
Method: PMCC
Autoignition Temperature: Not established
OSHA Flammability Class: IIIB
Flammable Limits: N/D
Extinguishing Media: Dry chemical, foam, CO2, waterspray, sand/earth waterfog
Explosion Hazards: Product will burn under fire conditions. Closed containers may explode due to pressure build up when exposed to extreme heat.

Fire Fighting Procedures: Water mist may be ineffective. But may be used to cool closed containers.

Fire Fighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Spill: Sweep, vacuum, or absorb with an inert absorbent for collection in an approved recovery drum for disposal. Wash area with water. Collect wash water for disposal. Always follow Federal, State and Local regulations regarding waste disposal.

7. Handling And Storage

Minimum/Maximum Storage Temperatures: 40°F - 120°F
Handling: Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes.
Storage: Store in tightly closed original labeled containers. Store in a dry well ventilated area away from ignition sources and incompatible materials.

8. Exposure Controls/Personal Protection

Personal hygiene is an important exposure control measure. The following general measures should be taken when working with or handling this material.

Personal Protection:
These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.

Skin: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing (i.e., shirts and pants).

Respiratory: Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected.

Eyes And Face:
The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eye wash and safety shower should be accessible to the work area.

Work Hygienic Practices:
1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
3. Wash exposed skin promptly to remove accidental splashes of contact with this material.
9. Physical And Chemical Properties
   Odor:           Fatty               Density:       NA
   Appearance:     Liquid              Particle Size:  NA
   Color:          Amber              Specific Gravity: 1.01 @20°C
   pH:             5 - 7               Viscosity:     Not established
   Solubility In Water:    Dispersable

10. Stability And Reactivity:
    Stable: Yes
    Conditions To Avoid: Heat, open flame, spark
    Hazardous Polymerization: Will not occur
    Hazardous Decomposition: Oxides of carbon from burning.

   Incompatible Materials: Strong oxidizers such as hydrogen peroxide, bromine and chromic acid

11. Toxicological Information:
    Acute Oral: Not established
            Eye Irritation: Not established
    Acute Dermal: Not established
            Skin Irritation: Not established

12. Disposal Considerations:
    Empty Container: Since empty packaging contain residues of the product, all labeled hazard precautions should be observed.
                        Triple rinse and offer for recycling. Always follow Federal, State and Local regulations regarding waste disposal.

13. Transportation Information
    DOT
    REFER TO THE BILL OF LADING FOR CURRENT SHIPPING INFORMATION

14. Regulatory Information
    SARA Title III(Superfund Amendments And Reauthorization Act)
    311/312 Hazard Categories: 313 Reportable Ingredients:
    N/D                           None
    TSCA Status: All chemical substances in this product are listed in the TSCA inventory.

15. Other Information:

The information in this MSDS is given in good faith based on our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. The information contained herein is furnished without warranty of any kind.