

5353 Spring Grove Avenue, Cincinnati, OH 45217 USA 513-471-8770

Material Safety Data Sheet

Section 1 - Product Identification

Product Name: Orion 7116B Synthetic Metalworking Fluid

Hazard Rating

| | | | | | |
|------------|----------|------------|------------|-----------|--|
| | Health | Fire | Reactivity | | |
| NFPA Code: | 1 | 0 | 0 | | |
| 0=Least | 1=Slight | 2=Moderate | 3=High | 4=Extreme | |

Section 2 - Hazardous Ingredients / Identity Information

| | | | |
|---------------------------------|----------|-----------|-------|
| Specific Identity; Common Names | OSHA PEL | ACGIH TLV | Other |
|---------------------------------|----------|-----------|-------|

Proprietary Formula - Specific Chemical Identities Have Been Withheld

Section 3 - Physical/Chemical Characteristics

| | |
|--------------------------|-------------|
| Appearance | Blue liquid |
| Boiling Point, Deg. F | Not Known |
| Evaporation, BuAcetate=1 | Slower than |
| Odor | Mild |
| pH Diluted in water | 8-9 (5%) |
| Solubility in water | Complete |
| Vapor Density (Air=1) | Not Known |
| Vapor Pressure | Not Known |
| Pounds per Gallon | 8.944 |
| Specific Gravity | 1.074 |

Section 4 - Fire and Explosion Hazard Data

Flash Point COC: NA Flammable Limits: LEL-Not Known UEL-Not Known
 Extinguishing Media: Foam, dry chemical, water fog, carbon dioxide.
 Special Fire Fighting Procedures: Cool fire exposed containers with water.
 Do not enter a confined fire space without full bunker gear and NIOSH approved supplied air breathing apparatus.
 Unusual Fire and Explosion Hazards: Product is water based and will not burn until water has evaporated.

Section 5 - Reactivity Data

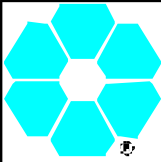
Stability - Stable.
 Incompatibility - Strong acids. Acrylates. Aldehydes. Anionic polymers. Strong bases. Ketones. Organic anhydrides. Organic halides. Oxidizing agents.
 Hazardous Decomposition Products - Oxides of carbon. Oxides of nitrogen.
 Hazardous Polymerization - Will not occur.
 Other -
 This product contains amines. Do not mix with nitrite or other nitrosating agents due to the potential for nitrosamine formation.

Section 6 - Health Hazard Data

Routes of Entry: Inhalation=yes Skin=yes Ingestion=yes
 Health Hazards:
 The health hazards listed below are for components to this mixture. The active ingredients are diluted in water in this mixture and the severity of the listed health hazards for this product may be reduced. This product is designed to be diluted significantly with water before product use. The severity of these health hazards may be reduced further at usage concentrations.
 (Acute and Chronic Overexposure)

Eyes - Severe irritation.

Skin - Irritation. Overexposure has been found to cause sensitization in humans.



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...continued

All components of this product are included in the TCSA inventory or are regulated under FIFRA.

Section 313 Supplier Notification

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community RightTo-Know Act of 1986 (40 CFR 372):

| CAS# | Common Name | Weight% |
|------|-------------|---------|
| | None | |

This information should be included in all MSDSs that are copied and distributed for this material.

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) by CCI Inc.

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End of MSDS
