

## Material Safety Data Sheet Form Release Agent DJ1

### Section 1. Chemical Product and Company Identification

<b>Product Name</b>	Form Release Agent DJ1	
<b>Product Number</b> employ	NTN FRADJ1	
<b>Manufacturer/ Supplier</b>	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
<b>Phone Number</b>	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
<b>D.O.T. Emergency Phone:</b>	<b>1-800-633-8253</b>	
<b>Date of Preparation</b>	May 14, 2013	<b>Revision Number</b> 1.0

### Section 2. Hazards Identification

<b>Emergency overview</b>	<b>This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</b>
<b>DANGER!</b>	
Keep out of reach of children. Keep container closed during storage.	
<b>Potential Acute Health Effects</b>	This product is an eye irritant.
<b>Routes of Entry</b>	Eye contact, ingestion, inhalation, and skin contact.
<b>Eyes</b>	No irritant effect known
<b>Skin</b>	No irritant effect known
<b>Inhalation</b>	Vapors may be irritating to mucous membranes of the nose, throat, and lungs. High concentrations may cause nausea.
<b>Ingestion</b>	Harmful if swallowed. May cause headache, dizziness, nausea, vomiting, breathing difficulty and weakness. Possible kidney damage may result from long quantities of material.
<b>Medical conditions aggravated by exposure:</b>	Over-exposure by inhalation may cause respiratory irritation.
<b>Potential Chronic Health</b>	Over-exposure by inhalation may cause respiratory irritation.
<b>Carcinogenic Effects</b>	N/A
<b>Target Organs</b>	N/A
<b>Environmental Effects</b>	

### Section 3. Composition and Information on Ingredients

Name	CAS # Weight	% by	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Distillates, Hydrotread Light Naphthenic	64742-53-6	50-75%		
Distillates, Solvent-Dewaxed Heavy Paraffinic	64742-65-0	10-25%		
Residual Oils, Solvent-Dewaxed	64742-62-7	<10%		
Residual Oils, Hydrotreated	64742-57-0	<10%		
Distilled Tall Oil Fatty Acids	61790-12-3	<5%		

### Section 4. First Aid Measures

<b>Eye Contact</b>	Rinse opened eye for several minutes under running water.
<b>Skin Contact</b>	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, Consult a doctor.
<b>Inhalation</b>	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
<b>Ingestion</b>	Seek medical attention immediately.
<b>General Advice</b>	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
<b>Notes to Physician</b>	Not available

### Section 5. Fire Fighting Measures

<b>Flammability</b>	N/A
<b>Fire Fighting Media and instructions</b>	N/A
<b>Products of Combustion</b>	N/A
<b>Special Remarks on Fire Hazards</b>	N/A
<b>Special Remarks on Explosion Hazards</b>	N/A
<b>Sensitivity to Mechanical Impact</b>	Not available
<b>Sensitivity to Static Discharge</b>	Not available
<b>Protection of Fire Fighters</b>	Because fire may produce thermal decomposition products, wear a self contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Splash goggles. Full suit. Boots. Gloves.
<b>Methods for Containment</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Environmental Precautions**

Inform respective authorities in case of seepage into water course or sewage system.

**Methods for Clean Up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

**Section 7. Handling and Storage**

**Precautions**

DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Wear suitable protective clothing to avoid skin and eye contact. If ingested, seek medical advice immediately and show the container or the label.

**Incompatibility**

oxidizing agents

**Storage**

Keep locked up and out of the reach of children. Keep container tightly closed. Not for use or storage in or around the home. Keep away from ignition source.

Keep out of reach of children.  
Keep container closed during storage.

**Section 8. Exposure Controls/Personal Protection**

**Engineering Controls**

**Personal Protection**

Good general ventilation should be sufficient to control airborne levels. Eye washing station recommended

**Eyes**

Splash goggles or goggles.

**Body**

No special protective clothing is required.

**Respiratory**

None required.

**Hands**

Rubber or neoprene gloves (impervious)

**Protective Clothing (Pictograms)**



**Exposure Limits**

**Section 9. Physical and Chemical Properties**

**Physical State and Appearance**

Liquid

**Molecular Weight**

N/A

**pH**

N/A

**Boiling/Condensation**

>218 C (>424 F)

<b>Point</b>	
<b>Specific Gravity</b>	(H <sub>2</sub> O = 1) 0.88
<b>Vapor Pressure</b>	(Non-Aerosols)(mm Hg and Temperature) <2
<b>Vapor Density</b>	(Air = 1) 0.861 g/cm <sup>3</sup>
<b>Volatility</b>	N/A
<b>VOC</b>	N/A
<b>Evaporation Rate</b>	(H <sub>2</sub> O = 1) 0.2
<b>Dispersion Properties</b>	N/A
<b>Solubility</b>	Not miscible or difficult to mix
<b>The Product is:</b>	Liquid
<b>Auto-ignition Temperature</b>	N/A
<b>Flash Points</b>	140 C (284 F)
<b>Flammable Limits</b>	Not applicable
<b>Fire Hazards in Presence Of Various Substances</b>	Product does not present an explosion hazard
<b>Explosion Hazards in Presence of Various Substances</b>	Product does not present an explosion hazard
<b>Odor</b>	Characteristic
<b>Color</b>	According to product specification

#### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substance</b>	None known
<b>Hazardous Decomposition Products</b>	No dangerous decomposition products known

#### Section 11. Toxicological Information

<b>Routes of Entry</b>	Eye Contact, Ingestion, Inhalation, Skin contact
<b>Toxicity to Animals</b>	
<b>Acute Effects on Humans</b>	
<b>Eyes</b>	No irritant effect known
<b>Skin</b>	No irritant effect known
<b>Inhalation</b>	Vapors may be irritating to mucous membranes of the nose, throat, and lungs. High concentrations may cause nausea.
<b>Ingestion</b>	Harmful if swallowed. May cause headache, dizziness, nausea, vomiting, breathing difficulty and weakness. Possible kidney damage may result from long quantities of material.

<b>Chronic Effects on Humans</b>	Over-exposure by inhalation may cause respiratory irritation.
<b>Special Remarks on Toxicity to Animals</b>	No additional remarks
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remarks

<b>Section 12. Ecological Information</b>
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<b>Ecotoxicity</b>	N/A
<b>BOD5 and COD</b>	Not available
<b>Products of Biodegradation</b>	Water hazard class 1 (self-assessment): Slightly hazardous for water
<b>Toxicity of the Products of Biodegradation</b>	Not available
<b>Special Remarks on the Products of Biodegradation</b>	No additional remarks

<b>Section 13. Disposal Considerations</b>
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<b>Waste Information</b>	It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations. Absorb spills with dirt, sand, or other suitable material. Any method in accordance with applicable laws.
<b>Waste Stream</b>	Not available

<b>Section 14. Transport Information</b>
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<b>DOT (U.S.A.) (Pictograms)</b>	Not regulated
<b>TDG Classification</b>	Not controlled under TDG (Canada)
<b>PIN UN, Proper Shipping Name, PG</b>	Not regulated
<b>Maritime Transportation</b>	Not a "marine pollutant"
<b>Special Provisions for Transport</b>	Not applicable

<b>Section 15. Regulatory Information and Pictograms</b>
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<b>Regulatory Lists</b>	No products were found.
<b>Other Regulations</b>	Not available, or of its ingredients
<b>Other Classifications</b>	<b>HCS (U.S.A.)</b> HCS CLASS: Irritating substance.

**USA Regulatory Lists** This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)  
 SARA 302 Extremely Hazardous Substances - Not listed  
 SARA 311 - 1. Immediate (acute) health hazard  
 SARA 313 Toxic Chemical List –Listed  
 This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

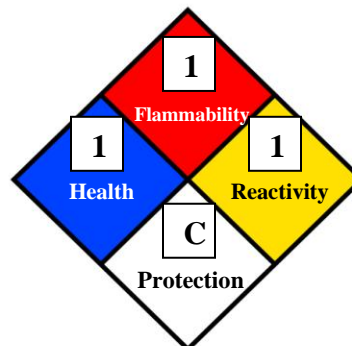
**DSD (EEC)**

**International Regulations Lists** No Products were found.

**Hazardous Material Information System (U.S.A.)**



**National Fire Protection Association (U.S.A.)**



**WHMIS (Classification)** WHMIS CLASS D-2: Material causing other toxic effects.

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

**Section 16. Other Information**

**Expiry Date** 3 (Three Years) from the date of preparation indicated in Section 1.

**Validated by** \_\_\_\_\_ **Verified by** \_\_\_\_\_

**Printed**

**Information Contact**

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Validated on** \_\_\_\_\_ **NuTech Specialties, Inc.**