



**ZEP Manufacturing Company**  
Acuity Specialty Products Group, Inc.  
P.O. Box 2015  
Atlanta, GA 30301  
1-877-I-BUY-ZEP (428-9937)  
www.zep.com

# Material Safety Data Sheet

## and Safe Handling and Disposal Information

### Section 1. Chemical Product and Company Identification

**Product name** DYNA 143°  
**Product Use** Parts Cleaner Solvent  
**Product Code** 0366  
**Date of issue** 04/14/03 **Supersedes** 06/26/01  
This product is not a registered pesticide.  
**Emergency For MSDS Information:**  
**Telephone Numbers** Acuity Specialty Products Group, Inc.  
Compliance Services 1-877-I-BUY-ZEP (428-9937)

**For Medical Emergency**  
INFOTRAC:  
(877) 541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency**  
CHEMTREC:  
(800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

**Prepared by** Compliance Services Group  
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### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
LIGHT ALIPHATIC NAPHTHA; solvent naphtha (petroleum), medium aliphatics	64742-88-7	90-100	ACGIH TLV (United States). TWA: 100 ppm Supplier Suggested TLV (United States). TWA: 100 ppm

### Section 3. Hazards Identification

#### Acute Effects

#### Routes of Entry

**Skin** Hazardous in case of skin contact (irritant). Non-sensitizer for skin. Skin inflammation is characterized by itching, scaling, or reddening.

**Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Medical Conditions Aggravated by Overexposure: Respiratory

**Ingestion** Aspiration hazard if swallowed- can enter lungs and cause damage.

#### HMIS

Health	1
Fire Hazard	2
Reactivity	0
Personal Protection	B

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

#### Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

#### Chronic Effects

Prolonged skin contact may cause dermatitis with drying and cracking of skin.

See Toxicological Information (section 11)

### Section 4. First Aid Measures

#### Eye Contact

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

#### Skin Contact

Wash affected area with soap or mild detergent and water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

#### Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, seek immediate medical attention.

#### Ingestion

Aspiration hazard if swallowed- can enter lungs and cause damage. If swallowed, do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Closed cup: 61.667°C (143°F). (Pensky-Martens.)	<b>Flammable Limits</b> LOWER: 1% UPPER: 7%
<b>Flammability</b>	Combustible liquid.	
<b>Fire Hazard</b>	Container explosion may occur under fire conditions or when heated. Cool closed containers exposed to fire with water.	
<b>Fire-Fighting Procedures</b>	In case of fire, use water spray (fog), foam, dry chemical, or CO <sub>2</sub> . Wear special protective clothing and positive pressure, self-contained breathing apparatus.	

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and put the spilled material in an appropriate waste disposal. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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**Section 7. Handling and Storage**

<b>Handling</b>	Keep away from heat, sparks and flame. Avoid breathing vapors or spray mists. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reusing.
<b>Storage</b>	Avoid all possible sources of ignition (spark or flame). Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Store between 40°F - 120°F (4.4°C - 49°C).

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

<b>Personal Protection</b>		<b>Protective Clothing (Pictograms)</b>
<b>Eyes</b>	Safety glasses with side shields.	
<b>Body</b>	Nitrile gloves or other Chemical resistant gloves.	
<b>Respiratory</b>	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Colorless.
<b>pH</b>	Not applicable.	<b>Odor</b>	Slight.
<b>Boiling Point</b>	186.67°C (368°F)	<b>Vapor Pressure</b>	0.07 kPa (0.5 mmHg) (at 20°C)
<b>Specific Gravity</b>	0.79 (Water = 1)	<b>Vapor Density</b>	>1 (Air = 1)
<b>Solubility</b>	Insoluble in cold water.	<b>Evaporation Rate</b>	0.14 compared to Butyl acetate.
		<b>VOC (Consumer)</b>	100% (789 g/L; 6.58 lbs/gal)

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Carbon Dioxide, Carbon Monoxide and other organic materials..

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	Not available.
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**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	<b>Waste Stream</b> Code: - (Not applicable.) Classification: - (Non-hazardous waste) Origin: - (Hazardous Waste Regulation)
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Consult your local or regional authorities.

**Section 14. Transport Information**

<b>Proper shipping name</b>	Not applicable.	
<b>DOT Classification</b>	Not a DOT controlled material (United States).	<b>UN number</b> Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

**State Regulations**

California prop. 65: No products were found.

**Section 16. Other Information**

*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.*