

SAFETY DATA SHEET

(To comply with OSHA's Hazard Communication Standard 29CFR 1910.1200/ANSI z400.1-1993)

Prepared: August, 2003
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1. PRODUCT & COMPANY IDENTIFICATION

Manufactured by: RTI Formulations, LLC
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HEALTH		1
FLAMMABILITY		0
REACTIVITY		0

Product Trade Name: **HP 223 Mold Release Agent**

CAS Number: N/A

Generic Chemical Name: Water-Based Release Agent

*See Part 3 – Hazard Identification

2. COMPOSITION INFORMATION

<u>Component</u>	<u>CAS No.</u>	<u>% by weight</u>	<u>OSHA</u>
Proprietary Formula	None	3% - 5%	0
H ₂ O	None	95% - 97%	0
<u>TWA</u>	<u>ACGIH</u>	<u>TLV</u>	
0	0	0	

3. HAZARD IDENTIFICATION

No reportable quantities of hazardous ingredients are present. This product contains no ingredients that are subject to the reporting requirements of CFR29-1910.1200. This product contains no chemicals that are subject to the reporting requirements of SARA 313 and TSCA export list.

* HMIS Hazard Ratings involve data interpretation that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained within this MSDS must be considered,

4. FIRST AID MEASURES

Eyes: Flush with water at least 30 minutes. Get medical attention if irritation persists.

Skin:	Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before re-use.
Inhalation:	Remove affected person to fresh air if adverse effects are observed.
Oral:	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.
Additional Information:	Note to Physician: Treat symptomatically.

5.	FIRE FIGHTING MEASURES
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Flash point:	N/A
Explosive Limit:	N/A
Extinguishing Media:	CO ₂ , foam, dry chemical or water spray
Fire Hazards:	Material will not burn. Container may rupture on heating.

6.	ACCIDENTAL RELEASE MEASURES
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Personal Precautions:	Use personal protective clothing.
Spill Procedures:	Ventilate area if spilled in confined space. Prevent entry into sewers/ groundwater. Pick up free liquid with suitable absorbent material.
Disposal Measures:	Dispose according to local regulations.

7.	HANDLING & STORAGE
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Storage:	Keep containers closed when not in use to prevent contact with moisture (for the purposes of product effectiveness). Keep from freezing. Store in a cool, dry area.
Handling:	At elevated temperatures, provide adequate ventilation. Wash thoroughly after handling.

8.	EXPOSURE CONTROLS/ PERSONAL PROTECTION
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Respiratory Protection:	Not required for normal use conditions. In poorly ventilated areas, respiratory protection is recommended.
Eye Protection:	Wear safety glasses. If potential for splashing exists, chemical goggles or face shield recommended.

9.	PHYSICAL & CHEMICAL PROPERTIES
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Form:	Liquid
Color:	Light Yellow

Odor:	Mild, sweet
Specific gravity:	1 (estimated)
Solubility in Water:	Soluble
Reaction with Water:	None
Flash Point:	N/A
Boiling Point:	>100°C (212°F)
Freezing Point:	0°C (32°F)

10.	STABILITY & REACTIVITY
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Hazardous Reactions:	No hazardous reactions when stored and handled properly.
Stability:	Material is stable at moderately elevated temperatures/pressures.
Incompatible Materials:	None known.
Thermal Decomposition:	Smoke, CO, CO ₂ , and other products of incomplete combustion.

11.	TOXICOLOGICAL INFORMATION
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ACUTE EXPOSURE

Eye Irritation:	Contains eye irritants.
Skin Irritation:	Prolonged or repeated contact with skin may cause discomfort or irritation.
Respiratory Irritation:	No data exists to indicate material causes respiratory irritation if handled under normal work conditions.
Inhalation Toxicity:	No data exists to indicate material constitutes an inhalation hazard under normal working conditions.
Oral Toxicity:	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain. Ingestion may cause dizziness and drowsiness.

12.	ECOLOGICAL INFORMATION
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Bioaccumulation:	Material poses no known ecological hazard.
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13.	DISPOSAL CONSIDERATIONS
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Waste Disposal:	This material, if discarded, is not hazardous waste. Do not discharge into streams or waterways without proper authorization.
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14.	TRANSPORT INFORMATION
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DOT Hazard Classification: None

Transport (non-bulk): May be shipped normally as a non-hazardous material.

15.	REGULATORY INFORMATION
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DOT (USA): All components of this material are on the US TSCA Inventory or are exempt.

Sea – IMDG: Class not regulated

TDG (Canada): Class not regulated

16.	OTHER INFORMATION
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ALL INFORMATIONS AND RECOMMENDATIONS PROVIDED IN THESE MSDS's ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND ACCURATE AT THE DATE OF PUBLICATION. NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY. IT IS THE RESPONSIBILITY OF THE FINAL ENDUSER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATIONS OR THE SUITABILITY OF ANY PRODUCT FOR THEIR OWN PARTICULAR PURPOSE.

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