

Material Safety Data Sheet

AUTOSOLVE
QUICK IDENTIFIER

Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements

SECTION 1 -

Manufacturer's

Name: AUTOTYPE INTERNATIONAL LTD

Address: GROVE ROAD

Emergency Telephone No: CHEMTREC:- 1-800-424-9300
Autotype UK:- 011 44 1235 770063

City, State, and ZIP: WANTAGE, OX12 7BZ, UK

Other Information Calls: Autotype UK:- 011 44 1235 771111
Autotype USA:- 1-847-303-5900

Signature of Person Responsible for Preparation (Optional)

Date Prepared: April 2001

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No
Cyclohexanone LD50 1620mg/Kg - Oral - rat	50	25	-	20	108941
1-methoxy-2-propylacetate LD50 not recorded	-	100est.	-	70	107982
Hydrocarbons		25		3	108678

CONTAINS 93% VOLATILE ORGANIC COMPOUNDS

VOLATILE ORGANIC COMPOUNDS (less water and exempt compounds), 900g/litre, 7.51 lb/gallon

CONTAINS NO PHOTOCHEMICALLY REACTIVE SOLVENT AS DEFINED BY AP-5-01-©

NOT REPORTABLE UNDER SARA TITLE III S.313 40 CFR 372.65

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	ca. 130°C	Specific Gravity (H ₂ O=1)	1.0	Vapor Pressure (mm Hg)	Not known
	Vapor Density (Air = 1)	4.0			

Solubility in Water: Dispersible
Reactivity in Water: Neutral

Appearance and Odor: Clear liquid, solvent odour
Melting Point: N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: 32°C
Method Used: ACC
Flammable Limits in Air % by Volume: LEL Lower 1.0% UEL Upper 10.0%

Auto-ignition Temperature: 788°F
Extinguisher Media: Foam, BCF, Powder

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Flammable material miscible with water.

HMIS RATING	
HEALTH	2
FLAMMABILITY	3
REACTIVITY	1
PERSONAL PROTECTION	2C

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) Autosolve p.2

Stability	Unstable ✓ Stable	Conditions to Avoid	Heat, ignition.
Incompatibility (Materials to Avoid)	Oxidising agents, acids.		
Hazardous Decomposition Products	None in normal use.		
Hazardous Polymerization	May occur ✓ Will not occur	Conditions to Avoid	N/A

SECTION 6 - HEALTH HAZARDS

1. Acute	Irritation/Narcosis	2. Chronic	None recorded			
Signs and Symptoms of Exposure	Irritation - eyes and skin.	Headache, dizziness - inhalation				
Medical Conditions Generally Aggravated by Exposure	Respiratory or skin problems.					
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes No ✓	IARC Monographs	Yes No ✓	OSHA	Yes No ✓
Emergency and First Aid Procedures	See below					

ROUTES OF ENTRY

1. Inhalation	Remove to fresh air, drink, keep warm.
2. Eyes	Irrigate immediately with clean water for 15 minutes.
3. Skin	Wash thoroughly with soap and water.
4. Ingestion	Dilute with water. Do not vomit. Get urgent medical attention.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Store in original containers in cool dry conditions away from heat/ignition.
Other Precautions	Keep away from children / foodstuffs.
Steps to be Taken in Case Material is Released or Spilled	Absorb in sand - transfer to safe site.
Waste Disposal Methods (Consult federal, state and local regulations)	By authorised chemical / solvent disposal.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	3M 8712 for large quantities.								
Ventilation	✓	Local Exhaust	✓	Mechanical (General)	✓	Special	N/A	Other	N/A
Protective Gloves	Rubber / PVC			Eye Protection	Goggles				
Other protective Clothing or equipment	Skin cover / overalls								
Work/Hygienic Practices	Refer to Product Data Sheet								

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.