



SAFETY DATA SHEET AUTOTYPE Autosol ONE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	AUTOTYPE Autosol ONE		
APPLICATION	Emulsion for screen printing.		
MANUFACTURER	MacDermid Autotype Inc. 701 Industrial Drive Middletown, DE 19709	SUPPLIER	Screentec Corp.. 930 Westport Crescent, Mississauga, ON L5T 1G1
	T: +1 847-818-8262		T: +1 905-670-7042
	F: +1 847-818-8280		F: +1 905-670-7046
EMERGENCY TELEPHONE	Chemtrec: 1-800 424-9300		
CONTAINER SIZE	1US qt. 1US Gallon, 5 US Gallon, 50 US Gallon		

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

ENVIRONMENT

The product is not expected to be hazardous to the environment.

HUMAN HEALTH

The hazardous properties of the product are considered limited. However, the product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-CHLORACETAMIDE	201-174-2	79-07-2	< 1%	Repr3;R62 T;R25 R43
5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE / 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)		55965-84-9	< 1%	T;R23/24/25. C;R34. N;R50/53. R43.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Rinse mouth thoroughly. Do not induce vomiting. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Follow precautions for safe handling described in this safety data sheet. Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Small quantities may be flushed to drains with plenty of water. Large Spillages Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Small quantities may be flushed to drains with plenty of water. Large Spillages Do not allow to enter drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. For waste disposal. see section 13. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 5°C and 30°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Butyl rubber gloves are recommended. Neoprene gloves are recommended. Nitrile gloves are recommended.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

When using do not eat, drink or smoke. Promptly remove any clothing that becomes wet. Wash promptly if skin becomes wet. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Blue		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	100 °C	RELATIVE DENSITY	1 g/ml @ 20 °C
pH-VALUE, CONC. SOLUTION	4.5 - 5.5	VISCOSITY	75 - 80 Poise

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid frost.

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MATERIALS TO AVOID

No incompatible groups noted.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

No specific health warnings noted.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals
After repeated contact.

EYE CONTACT

No specific health warnings noted.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be hazardous to the environment.

MOBILITY

The product is partly miscible with water and may spread in the aquatic environment.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The product is expected to be biodegradable.

ACUTE FISH TOXICITY

Not considered toxic to fish.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
The packaging must be empty (drop-free, when inverted)

DISPOSAL METHODS

Contact specialist disposal companies. Liquid components can be disposed of by incineration. Small quantities may be flushed to drains with plenty of water.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods, (IMDG, IATA ADR/RID).

No transport warning sign required.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

Contains 5-chloro-2-methyl-2H-isothiazol-3-one: May cause sensitization by skin contact.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

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STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

NATIONAL REGULATIONS

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

16 OTHER INFORMATION

REVISION COMMENTS

This is second issue.

REVISION DATE 01/01/2009 – Date revision

REV. NO./REPL. SDS #2 replaces SDS #1

GENERATED

RISK PHRASES IN FULL

R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R25	Toxic if swallowed.
R34	Causes burns.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.