



TAG SOLVENT PRODUCTS (PTY)LTD.

MATERIAL SAFETY DATA SHEET ***TAGMIX***

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common name	: Tagmix		
Supplier	: TAG Solvent Products Mallet Road/Weg Knights Germiston 1401 Republic of South Africa TEL: +27 11 822-1600		
Synonym	: Solumix, MA 100/1400,		
Trade name	: Tagmix		

2 HAZARDS IDENTIFICATION

Physical state and appearance	: Liquid.
Routes of entry	: Eye contact. Ingestion. Inhalation. Skin contact.
Potential acute health effects	
Eyes	: Hazardous in case of eye contact. Irritating to eyes and causes burning.
Skin	: Hazardous in case of skin contact. Irritating to skin, dissolves fat on skin and will cause dermatitis after prolonged period of time.
Inhalation	: Hazardous in case of inhalation. Causes dizziness, headache, difficult in breathing or loss of consciousness with very high vapour concentrations.
Ingestion	: Hazardous in case of ingestion. Causes nausea, vomiting and stomach cramps
Potential chronic health effects	: None.

3 FIRST AID MEASURES

Eye contact	: Check for and remove any contact lenses. Immediately flush the eyes with running water for at least 15 minutes, keep eyelids open. Cold water may be used. Get medical attention.
Skin contact	: In the case of contact, flush the skin with plenty of water for at least 15 minutes while removing the contaminated clothing and shoes. Cold water may be used. Wash clothes before reuse. Thoroughly clean shoes before reuse.
Inhalation	: If inhaled, remove to fresh air. Keep person warm and covered. If not breathing apply artificial respiration. If breathing is laboured, give oxygen. Get medical attention.
Ingestion	: DO NOT induce vomiting unless directed to do so by medical personnel. If patient is conscious, give milk or activated carbon. Get medical attention.
Notes to physician	: Explain to the physician the composition of the material. Chemical pneumonitis is possible.

4 **FIRE FIGHTING MEASURES**

Flammability of the product	: Flammable
Autoignition temperature	: 500°C
Flash points	: CLOSED CUP: 9°C
Flammable limits in air	: LOWER: 1.2% UPPER: 7%
Unusual fire and explosion hazards	: Slight, when exposed to heat or flame.
Fire fighting media and instructions	: Foam, CO ₂ , Dry chemical
Protective clothing (fire)	: Be sure to use an approved/certified respirator or equivalent.

5 **SPILL AND LEAK PROCEDURES**

Neutralizing chemicals	: Not pertinent.
Waste disposal method	: Apply non-flammable dispersing agent if available and work to an emulsion with brush and water run to waste, diluting greatly with running water. If dispersant not available, absorb on sand.

6 **EXPOSURE CONTROLS, PERSONAL PROTECTION**

Engineering controls	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below their respective threshold limit values.
Personal protection	
Body	
Eyes	: Splash goggles/face shield.
Respiratory	: Chemical resistant protective suite. : Vapour respirator. Be sure to use an approved/certified or equivalent. Wear appropriate respirator when ventilation is inadequate.
Hands	: Butyl rubber gloves.
Feet	: Chemical resistant safety boots.
Protective clothing	: Splash goggles. Full chemical resistant protective suit. Vapor respirator. Butyl gloves. Chemical resistant boots.
Personal protection in case of large spills	: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

7 **PHYSICAL AND CHEMICAL PROPERTIES**

Physical state and appearance	: Liquid.
Colour	: Colourless. Clear.
Odor	: Characteristic odor
Boiling @ 760 Hg	: 113°C
Melting/freezing point	: < -40°C
Vapor pressure	: 36mm of Hg (@30°C)
Vapor density	: 3.3 (Air=1)
Evaporation rate	: 0.92
Solubility	: Floats on water.

8	<i>STABILITY AND REACTIVITY</i>
----------	--

Conditions of instability	: Can react vigorously with oxidizing materialsHeat.
Incompatibility with various substances	: None.
Hazardous decomposition products	: None
Hazardous polymerization	: Not pertinent.

9	<i>OTHER INFORMATION</i>
----------	---------------------------------

Other special considerations	No additional remarks.
Date of Printing	: 01/03/2004
Date of issue	: 01/03/2004
UN #	: 1268

Notice to reader:

This MSDS summarizes at the date of issue our best knowledge of the health, safety and environmental hazard information related to the product, and in particular how to safely handle, use and transport the product in the workplace. Since TAG Solvent Products (PTY) LTD. and it's subsidiaries cannot anticipate or control the conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review MSDS in the context of how the user intends to handle, use, store or transport the product in the workplace and beyond, and communicate such information to all relevant parties. If clarification or further information is required to ensure that an appropriate assessment can be made, the user should contact the company.

We shall not assume any liability for the accuracy or completeness of the information contained herein or any advice given unless there has been gross negligence on our part. In such event our liability shall be limited only to direct damages suffered. Our responsibility for the product as sold is subject to our standards terms and conditions, a copy of which is sent to our customers and is also available upon request. All risk with possession and application of the product passes on delivery.