

MATERIAL SAFETY DATA SHEET

5002540

TENSAPOL DB-5871

SECTION 1 – GENERAL INFORMATION

Made:	POLIOLES S.A. DE C.V. Km.52.5 Carretera México-Toluca Lerma Edo. De México CP 52000	Version:	1
Manufacturer or Importer:	POLIOLES S.A. DE C.V. Km.52.5 Carretera México-Toluca Lerma Edo. De México CP 52000	Original Date:	OCTOBER-1994
		Revision Date:	APRIL-2012
Emergency Telephone: 01 800 0021400 (SETIQ) Lerma Plant (01722) 265 86 00 BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS & HOLYDAYS			

SECTION 2 – PRODUCT INFORMATION

Common Chemical Name:	Alcoylated Diamine
Product Name:	TENSAPOL DB-5871
Chemical Family:	Alcoylated Diamine
Synonyms:	Surfactant
Other Details:	Not available

SECTION 3 – HAZARDS IDENTIFICATION

CAS Number:	26316-40-5	LMPE-PPT:	Not Applicable
UN Number:	Not Applicable	LMPE-CT:	Not Applicable
		LMPE-P:	Not Applicable
		IPVS:	Not Applicable
Hazard Ratings:			
NFPA: HEALTH: 1	FIRE: 1	REACTIVITY: 0	SPECIAL: Not Applicable
HMIS: HEALTH: 1	FIRE: 1	REACTIVITY: 0	SPECIAL: G
			PPE: See section 9
Ingredients:		CAS Number:	Amount:
TENSAPOL DB-5871		26316-40-5	100%
Hazardous Substances as a Component:		CAS Number:	Content (% Weight):
Not Applicable		Not Applicable	Not Applicable

SECTION 4 – PHYSICAL PROPERTIES

Boiling Pt:	No data available	Color:	Slightly yellow
Freezing Pt:	Not applicable	Odor:	Polyol
Flash Point:	~249 °C (COC)	Odor Intensity:	Slight
Autoignition:	Unspecified	Evaporation Rate:	No data available
Density:	~1.020 g/cm ³ @ 25 °C	Solubility in Water:	Moderate (≈ 1%)
Specific Gravity:	No data available	Vapor Pressure:	Low
Molecular Weight:	~2800 g/mol	Critical Temperature:	No data available
Viscosity:	~550 cPs @25°C	% Volatility:	No data available
pH:	7.0 - 9.0, 5% Sol. IPA: H ₂ O (75:25)	Inf. Limits:	No data available
Form/Appearance:	Liquid	Other Properties:	No data available

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:	Use water fog, foam or dry chemical extinguishing media.
Fire Fighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Procedure and Special Precautions For Fire Fighting:	Evacuate the area, approach to the fire in favor of the wind and fight it from a safe distance. If it is possible, isolate or cool the near materials that are jeopardized.
Unusual Hazards:	No data available
Combustion Products are Harmful to Health:	CO, CO ₂ , NOX

SECTION 6 – STABILITY AND REACTIVITY

Stability Data:	Chemically stable product.
Chemical Inestability:	Not Applicable
Incompatibility:	Avoid oxidizing materials contact. Avoid the contact with isocyanates, the polyol reaction with some isocyanates is exothermic. Avoid strongly acid.

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SECTION 6 – STABILITY AND REACTIVITY (Cont.)

Hazardous Polymerization:	It doesn't occur.
Hazardous Decomposition:	CO and CO ₂ .
Corrosive Properties:	Not corrosive
Oxidizer Properties:	Not an oxidizer
Conditions/Hazards to Avoid:	Avoid any ignition source: heat, sparks or open flame.

SECTION 7 – HEALTH EFFECTS AND FIRST AID MEASURES

WARNING STATEMENT

CAUTION: Contact with the eyes and skin may cause irritation. Inhalation may result in irritation.

Potential Health Effects

Primary Routes of Exposure: Routes of entry for liquids include eye and skin contact, ingestion and inhalation.

Acute Overexposure Effects: No other known acute effects or associated with this.

INGESTION: Moderately toxic. May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness. Ingestion of significant quantities may cause hemolysis of red blood cells.

INHALATION: High concentrations are irritating to eyes and respiratory tract. May cause headache, dizziness, nausea, vomiting and malaise.

SKIN: Slight irritation. Frequent or widespread contact may result in dryness, irritation and/or dermatitis.

EYES: May cause irritation.

Chemical Considered as: No data available

Toxicology Test Data:

TENSAPOL DB-5871

CL50: No data available**DL50:** No data available

Emergency and First Aid: Provide general supportive measures (comfort, warmth, rest). Consult your physician and / or the nearest poison center, except minor instances of inhalation or skin contact. All first aid procedures should be reviewed periodically with a doctor familiar with the chemical and conditions of use in the workplace.

First Aid Procedures - Aggravated Medical Conditions: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Review the section of potential health effects for more information.

First Aid Procedures - Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures - Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures - Eyes: Immediately rinse eyes with running water for 15 minutes. Seek medical attention in case of irritation.

First Aid Procedures - Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Get immediate medical attention.

First Aid Procedures - Special No data available

Precautions:

Antidotes: No data available

Other Relevant Information: No data available

SECTION 8 – ACCIDENTAL RELEASE MEASURES

General Accidental Release Measures: Use the appropriate personal protective equipment. Narrow access to the affected area and eliminate ignition sources. Ventilate the area and prevent the material from entering sewers, streams or aquifers. Eliminate or reduce leak if without risk. For large amounts pump the material into a suitable container, absorb remainder with an inert material and set it according to current regulations. This material is not regulated by RCRA or CERCLA.

Mitigation Method: Inert material to contain the leak or spill (sand, vermiculite, etc.).

SECTION 9 – PERSONAL PROTECTION

General: Approved respiratory protection, safety glasses, gloves, rubber boots and clothing protection to minimize skin contact.

Clothing: Gloves, coveralls, apron, boots as necessary to prevent skin contact.

Eyes: Safety glasses; also wear a face shield if splashing hazard exists.

Respiration: Approved organic vapor mist respirator as necessary.

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SECTION 9 – PERSONAL PROTECTION (Cont.)

Ventilation:	Use local exhaust to control vapors/mists.
Explosion Proofing:	None required.
Other Personal Protection Data:	None required.

SECTION 10 – TRANSPORT DATA

NOM-004-SCT-1994:	Not regulated			
SCT Rules:	No data available			
UN Recommendations for Transport:	Not regulated			
American Guide Emergency Response:	Not listed			
DOT by 49 CFR classification:	Not regulated			
IMDG CODE (Maritime):	Not regulated			
DGR IATA (Air):	Not regulated			
Listed on Inventory TSCA:	YES			
RCRA Haz Waste No.:	Not Applicable			
CERCLA:	NO			
Reportable Qty.:	(NO)			
Government Regulation:	The spills must be contained and placed in containers adapted for its disposition, this material is not regulated by RCRA or CERCLA.			
Chemical Name	CAS Number	UN Number	NJ/PA/MA	RTK
Alcoylated Diamine	26316-40-5	Not Applicable	No data available	No data available

SECTION 11 – ECOLOGICAL INFORMATION

Requirements:	It must fulfill the regulation of hazardous waste, water, air and soil agree with the current local requirements.
Ecotoxicology Information:	No data available

SECTION 12 – ADITONAL INFORMATION

Handling:	Avoid the contact with strong oxidizing, acids, bases and humidity. Keep away from ignition sources. Use the personal protection equipment as is described in the section 9.
Transport:	Avoid transport in conjunction with other substances. Use closed transport as a precaution for possible spills.
Other Storage and Handling Data:	Store in a ventilated and dry area, away from heat and ignition sources. The storage area must be clearly identified, clear of obstacles. Have appropriate fire extinguishers and equipment for fire fighting, leaks and spills. Store away from acids, bases and strong oxidizing agents. Keep containers properly labeled, tightly closed and in good condition. Storage tanks should be above ground in a perfectly sealed area and with dikes to contain the largest amount in case of leakage or spill.
Other Precautions:	The container shouldn't be used for other purposes than the original product storage. Destroy it is recommended to prevent unauthorized use.
Waste Disposal:	Disposal must be in accordance with current applicable local regulations.
Container Disposal:	Containers containing waste material must be in accordance with current applicable local regulations.

SECTION 13 – REFERENCES

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