



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:	SEPTEMBER-1990
		Revision Date:	NOVEMBER-2011
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:	Polypropylene Glycol
Product Name:	PLURACOL P-410
Chemical Family:	Poly Glycols
Synonyms:	Conventional Polyol
Other Details:	(C3H7O2) (C3H6O) _n

SECTION 3 – HAZARDS IDENTIFICATION

CAS Number:	25322-69-4	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
HMIS:	HEALTH: 1	FIRE:	1
		REACTIVITY:	0
		REACTIVITY:	0
		SPECIAL:	None
		SPECIAL:	None
		PPE:	See section 9
Ingredients:		CAS Number:	Amount:
PLURACOL P-410		25322-69-4	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:	Colorless to slightly yellow
Freezing Pt:	Unspecified	Odor:	A polyol
Flash Point:	> 198.8 °C (COC); >390°F	Odor Intensity:	Light
Autoignition:	Unspecified	Evaporation Rate:	No data available
Density:	~1.0073 g/cm ³ @ 25°C	Solubility in Water:	Low solubility @ 20°C
Specific Gravity:	~1.0091 @ 25/20°C	Vapor Pressure:	No data available
Molecular Weight:	~419 g/mol	Critical Temperature:	No data available
Viscosity:	~73 cPs @ 25°C	% Volatility:	No data available
pH:	6.0-6.5 Soln. Aqueous @ 2.5%	Inf. Limits:	No data available
Form/Appearance:	Liquid	Other Properties:	Not applicable

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:	Use foam, CO2 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. Fight fire from maximum distance. If exposed to fire, keep containers cool by spraying with water.
Unusual Hazards:	Not known
Combustion Products are Harmful to Health:	CO and CO2

SECTION 6 – STABILITY AND REACTIVITY

Stability Data:	Chemically stable product
Chemical Inestability:	Not applicable
Incompatibility:	Avoid contact with oxidizing materials. Avoid contact with isocyanates, the reaction of polyol with some isocyanates is exothermic. Avoid contact with strong acids.
Hazardous Polymerization:	Not occur
Hazardous Descomposition:	CO and CO2.



SECTION 6 – STABILITY AND REACTIVITY (Cont.)

Corrosive Properties:	Not corrosive
Oxidizer Properties:	Not oxidant.
Conditions/Hazards to Avoid:	Avoid exposure to moisture, heat, sparks, flames directly and exposure to temperatures > 70 ° C and <0 ° C.

SECTION 7 – HEALTH EFFECTS AND FIRST AID MEASURES

WARNING STATEMENT	Contact with the eyes and skin may cause irritation. Inhalation may result in irritation.
CAUTION:	
Potential Health Effects	
Primary Routes of Exposure:	Routes of entry for liquids include eye and skin contact, ingestion and inhalation.
Acute Overexposure Effects:	There are no other known acute effects associated with this material.
INGESTION:	May cause gastrointestinal disturbances.
INHALATION:	May cause respiratory irritation. Overexposure by inhalation does not occur at normal temperature conditions of work.
SKIN:	May cause irritation.
EYES:	May cause irritation.
Chemical Considered as:	No carcinogenic, no teratogenic and no mutagenic.
Toxicology Test Data:	PLURACOL P-410
CL50: No data available	DL50: Oral/rat ~2.9 g/kg
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. Please refer to Potential Health Effects for additional information.
First Aid Procedures - Ingestion:	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 - Skin:	Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Get immediate medical attention.
First Aid Procedures - Eyes:	Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention.
First Aid Procedures - Special Precautions:	No data available
Antidotes:	There is not a specific antidote. treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
Other Relevant Information:	No other information is known.

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 groundwater. Eliminate or reduce leak if without risk. For large amounts pump the material into a suitable container, absorb residue with an inert material and set it according to current regulations. This material is not regulated by RCRA or CERCLA.
Mitigation Method:	Use 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.
Ventilation:	Use local exhaust to control vapors/mists.
Explosion Proofing:	None required
Other Personal Protection Data:	No data available

SECTION 10 – TRANSPORT DATA

NOM-004-SCT-1994:	Not classified as a dangerous good under transport regulations.
SCT Rules:	Not classified as a dangerous good under transport regulations.



SECTION 10 – TRANSPORT DATA (Cont.)

American Guide Emergency Response:	Not listed			
UN Recommendations for Transport:	Not applicable			
DOT by 49 CFR classification:	Not applicable			
IMDG CODE (Maritime):	Not classified as a dangerous good under transport regulations.			
DGR IATA (Air):	Not classified as a dangerous good under transport regulations.			
Listed on Inventory TSCA:	Yes			
RCRA Haz Waste No.:	Not applicable			
CERCLA:	No			
Reportable Qty.:	No data available			
Government Regulation:	Spills should be contained and placed in suitable containers for disposal, this material is not regulated under RCRA or CERCLA.			
Chemical Name	CAS Number	UN Number	NJ/PA/MA	RTK
Polypropylene Glycol	25322-69-4	Not applicable	No data available	No data available

SECTION 11 – ECOLOGICAL INFORMATION

Requirements:	You must comply with national, state and local regulations.
Ecotoxicology Information:	No data available

SECTION 12 – ADITIONAL INFORMATION

Handling:	Use a personal equipment protection for the adequate handling of the product.
Transport:	Avoid bringing in conjunction with other substances. Use closed transports as a precaution for possible leaks.
Other Storage and Handling Data:	Store in a ventilated, dry, 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 an area well sealed and dikes to contain the largest amount in case of leak or spill.
Other Precautions:	Not applicable
Waste Disposal:	Disposal must be in accordance with current applicable local regulations.
Container Disposal:	The container should not be used for purposes other than storing the original product. Destroy it is recommended to prevent unauthorized use.

SECTION 13 – REFERENCES

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