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MATERIAL SAFETY DATA SHEET

IN CASE OF TRANSPORTATION EMERGENCY (Spill, Leak, Fire, Exposure, Accident)
Call CHEMTREC 1-800-424-9300 (24 Hour)

SECTION 1: IDENTIFICATION

Name: NEGATIVE PLATE DEVELOPER

Revision 9/1/2010

Product Number 278145001

Size 5 Gallon

Formula: Aqueous Mixture

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S. #	INGREDIENTS	%
100-51-6	Benzyl Alcohol	1- 10
25417-20-3	Alkyl Aryl Sulfonate	1- 10
532-32-1	SODIUM BENZOATE	1- 10
56-81-5	Glycerine	1- 10
7732-18-5	Water	60- 80

EXPOSURE LIMITS	OSHA		ACGIH		CANADA	
	TWA	STEL	TWA	STEL	TWA	STEL
Benzyl Alcohol	N/E	N/E	N/E	N/E	N/E	N/E
Alkyl Aryl Sulfonate	None	None	None	None	None	None
SODIUM BENZOATE	None	None	None	None	None	None
Glycerine	10 mg/m ³	None	10 mg/m ³	None	None	None
Water	None	None	None	None	None	None

Source of Exposure Limit Data:

OSHA: Occupational Safety and Health Administration

ACGIH: American Conference of Governmental Industrial Hygienists

CANADA: Province of Alberta's Occupational and Health and Safety Act.

ADDITIONAL EXPOSURE INFORMATION

CAS. NUMBER	SKIN DESIGNATION *			CARCINOGENS			PRIMARY HAZARD	IDLH (ppm)
	OSHA	ACGIH	CANADA	IARC	NTP	OSHA		
100-51-6	No	No	No	No	No	No	Mild irritant	Unknown
25417-20-3	No	No	No	No	No	No	Not classified	Unknown
532-32-1	No	No	No	No	No	No	Not classified	Unknown
56-81-5	No	No	No	No	No	No	Not classified	None
7732-18-5	No	No	No	No	No	No	Not classified	None

* For substances designated as a 'Skin' hazard, protective measures are recommended to prevent or reduce skin absorption. These measures may include the use of gloves, aprons, goggles or other equipment, as well as engineering controls or work practices.

SECTION 3: HAZARDS IDENTIFICATION

EYES CONTACT:

Will cause severe irritation, burning, redness, and tearing,

SKIN CONTACT:

Can cause irritation, drying, and cracking on prolonged contact.

INHALATION:

Very low vapor pressure, negligible hazard. May cause irritation to nasal mucous membranes and respiratory tract.

INGESTION:

Ingestion causes irritation of the digestive tract.

H.M.I.S. CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0 PROTECTION: C

SECTION 4: FIRST AID MEASURES**EYE CONTACT:**

Immediately flush with large amounts of water for at least 15 minutes. Seek medical attention.

SKIN CONTACT:

Wash affected area with soap and water. Remove contaminated clothing and launder before reuse.

INHALATION:

Remove victims to fresh air. Administer oxygen and/or artificial respiration if breathing difficulties occur. Seek medical attention.

INGESTION:

Do not induce vomiting. Dilute by drinking water and seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash point (F) : None **FLAMMABILITY LEL- N/A UEL- N/A**

Extinguishing media: Any applicable to primary cause of fire.

Special fire fighting procedures :

Wear NIOSH approved self contained breathing apparatus when entering building.

Unusual fire and explosion hazards :

NONE

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES**SPILL RESPONSE:**

Contain spill. Take precautions to prevent contamination of ground and surface waters. Recover spilled material using absorbent material such as vermiculite and sweep into closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Keep container closed when not in use. Store only in closed, properly labeled containers. Store in cool, dry, and well ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Nitrile gloves should be used for incidental, non-immersion contact. Splash proof goggles or face shield is recommended. Use NIOSH approved SCBA in emergency situations or confined situations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) : 100

Melting point: N/A

Percent volatile by volume : 7

Evaporation rate: <1

Specific gravity (water = 1) : 1.0

Appearance : GOLDEN COLOR

Volatile Organic Compounds: .6 lb per Gallon

Vapor pressure: N/D

Vapor density: N/D

Solubility in water: COMPLETE

pH: 7-9

Odor: MILD LEMON ODOR

SECTION 10: STABILITY AND REACTIVITY**Stability:** Stable**Hazardous polymerization:** Will not occur**Incompatibility (materials to avoid):** None none**Hazardous decomposition products:** In contact with open flame or incandescent material will liberate carbon dioxide, carbon monoxide.**SECTION 11: DISPOSAL CONSIDERATIONS**

Contaminated vermiculite or porous surface must be disposed of in a permitted waste facility. Recovered liquids may be reprocessed or incinerated in a permitted waste facility. In all cases material should be disposed of in accordance with Federal, State, and local regulations

SECTION 12: TRANSPORTATION INFORMATION

SHIPPING NAME: NOT REGULATED MATERIAL

UN ID-#: N/A

PACKING GROUP: N/A

MAJOR CLASS: N/A

PRIMARY LABEL: N/A

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS:

* Reference: CFR 49, Table 172.102 (highway)

SECTION 13: REGULATORY INFORMATION

<u>CAS. NUMBER</u>	<u>CERCLA</u>	<u>SARA-EHS</u>	<u>SARA-313</u>	<u>RCRA</u>	<u>CAL-PROP 65</u>	<u>N.J.</u>	<u>FLA.</u>
100-51-6	No	No	No	No	No	No	No
25417-20-3	No	No	No	No	No	No	No
532-32-1	No	No	No	No	No	No	No
56-81-5	No	No	No	No	No	No	Yes
7732-18-5	No	No	No	No	No	No	No

* Specific CAS Number references from these regulatory tables:

CERCLA: 40 CFR. Table 302.4

CAL-PROP 65: California Proposition 65, Developmental and Reproductiv

SARA-EHS: 40 CFR. 355 Appendices A _B

New Jersey Right to Know

SARA-313: 40 CFR. section 372.65

Florida Right to Know

RCRA: 40 CFR. section 261.3

SECTION 14: OTHER INFORMATION**Comments:** None

The data in this Material Safety Data form relates to the specific material designated herein and to the standard use of same in combination with other materials or processes. The hazards covered are believed to be those most likely to occur in the reasonable, contemplated, or ordinary use of these chemicals. No warranty is made or implied in respect of other hazards which may occur as a result of unreasonable, abnormal, or unusual usage, or non-standard application of these materials. The information accumulated herein is believed to be accurate, but GraphLine Inc. expressly denies any warranty to such effect. Customers or recipients are advised to confirm, in advance that the information is current, applicable and suitable to their circumstances. This information is furnished as a service only.