

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER AND NAME</b> 1011 - GORILLA		<b>PRODUCT USE</b> DEGREASER.	<b>WHMIS CLASSIFICATION</b> D2B, E	<b>PRODUCT ID NUMBER</b> 1760
<b>MANUFACTURER'S NAME</b> ADVANCE LABORATORIES LIMITED		<b>SUPPLIER'S NAME</b>		
<b>STREET ADDRESS:</b> 30 COLFORD DRIVE		<b>STREET ADDRESS:</b>		
<b>CITY:</b> CHEZZETCOOK	<b>PROVINCE:</b> NS	<b>CITY:</b>	<b>PROVINCE:</b>	
<b>POSTAL CODE</b> B0J 1N0	<b>EMERGENCY TELEPHONE No:</b> (613) 996-6666	<b>POSTAL CODE:</b>	<b>EMERGENCY TELEPHONE No:</b> (613)-996-6666	

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%AGE	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
MONOETHANOLAMINE	1-5	141-43-5	1720MG/KG ORAL RAT	NAV
SILICIC ACID OF SODIUM SALT	1-5	1344-09-8	NAV	NAV
HEXYLENE GLYCOL	5-10	107-41-15	3.7G/KG ORAL RAT	NAV
LINEAR ALCOHOL ETHOXYLATE	1-5	68131-39-5	NAV	NAV
SODIUM HYDROXIDE	5-10	1310-73-2	NAV	NAV

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE</b> LIQUID.	<b>ODOUR AND APPEARANCE</b> MILD, CLEAR BLUE.			<b>ODOUR THRESHOLD (PPM)</b> NAV
<b>VAPOUR PRESSURE (MM Hg)</b> NAV	<b>VAPOUR DENSITY</b> NAV	<b>EVAPORATION RATE</b> NAV	<b>BOILING POINT (C)</b> 100C	<b>FREEZING POINT (C)</b> NAV
<b>PH</b> 14.0 ± 0.1	<b>SPECIFIC GRAVITY</b> 1.05 ± 0.05	<b>COEFFICIENT WATER/OIL DIST.</b> NAV		

## SECTION 4 - FIRE AND EXPLOSION DATA

<b>FLAMMABILITY</b> No	<b>IF "YES", UNDER WHAT CONDITIONS?</b>		
<b>MEANS OF EXTINGUISHMENT:</b> NAP			
<b>FLASHPOINT (C) AND METHOD</b> NAP	<b>UPPER FLAMMABLE LIMIT (% BY VOLUME)</b> NAP		<b>LOWER FLAMMABLE LIMIT (% BY VOLUME)</b> NAP
<b>AUTOIGNITION TEMPERATURE (C)</b> NAP	<b>HAZARDOUS COMBUSTION PRODUCTS:</b> CARBON MONOXIDE, CARBON DIOXIDE.		
<b>EXPLOSION DATA</b>	<b>SENSITIVITY TO IMPACT</b> NONE.	<b>SENSITIVITY TO STATIC DISCHARGE</b> NONE.	

## SECTION 5 - REACTIVITY DATA

<b>CHEMICALLY STABLE?</b> YES	<b>IF "NO", UNDER WHAT CONDITIONS?</b>		
<b>INCOMPATIBLE WITH OTHER SUBSTANCES?</b> YES	<b>IF SO, WHICH ONES?</b> CATIONIC MATERIALS, STRONG ACIDS, STRONG OXIDIZERS, SOFT METALS.		
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> CONTACT WITH INCOMPATIBLES.			
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> NONE.			

**NOTE:** NAP = Not applicable; NAV = Not available.

<b>PRODUCT IDENTIFIER</b>					
<b>1011</b>					
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>					
<b>ROUTE OF ENTRY</b>	<b>SKIN CONTACT</b> YES	<b>SKIN ABSORPTION</b> YES	<b>EYE CONTACT</b> YES	<b>INHALATION</b> YES	<b>INGESTION</b> YES
<b>EFFECTS OF ACUTE EXPOSURE TO PRODUCT</b>					
<b>SKIN:</b> CORROSIVE: MAY CAUSE BURNS TO SKIN.					
<b>EYE:</b> CORROSIVE: MAY CAUSE BURNS TO EYES.					
<b>INHALATION:</b> MAY CAUSE IRRITATION TO NOSE AND THROAT.					
<b>INGESTION:</b> MAY CAUSE BURNS TO STOMACH AND THROAT PERFORATION.					
<b>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT</b>					
<b>SKIN:</b> PROLONGED CONTACT CAN CAUSE NECROSIS OF SKIN AND DERMATITIS.					
<b>EYE:</b> SEVERE BURNS TO EYES, IRRITATION AND INFLAMMATION.					
<b>INHALATION:</b> CHRONIC RESPIRATORY TRACT IRRITATION.					
<b>INGESTION:</b> MAY CAUSE DEEP ULCERATION AND DELAYED GASTRIC PERFORATION.					
<b>EXPOSURE LIMITS:</b> NAV	<b>IRRITANCY OF PRODUCT</b> NOSE, THROAT, SKIN & EYE.		<b>SENSITIZATION TO PRODUCT</b> NONE.		<b>CARCINOGENICITY</b> NONE.
<b>TERATOGENICITY</b> NONE.	<b>REPRODUCTIVE TOXICITY</b> NONE.		<b>MUTAGENICITY</b> NONE.		<b>SYNERGISTIC PRODUCTS</b> NONE.
<b>SECTION 7 - PREVENTIVE MEASURES</b>					
<b>SUGGESTED PERSONAL PROTECTIVE EQUIPMENT: EMPLOYER TO EVALUATE THE WORKING CONDITIONS AND DETERMINE THE NECESSARY PERSONAL PROTECTIVE EQUIPMENT.</b>					
<b>GLOVES</b> RUBBER, OR IMPERVIOUS	<b>RESPIRATOR</b> AS NECESSARY, USE NIOSH-APPROVED RESPIRATOR.		<b>EYE</b> SAFETY GOGGLES.		
<b>FOOTWEAR</b> SAFETY BOOTS.	<b>CLOTHING</b> IMPERVIOUS CLOTHING.		<b>OTHER</b> EYE BATH OR SAFETY SHOWER.		
<b>ENGINEERING CONTROLS</b> GENERAL VENTILATION.					
<b>LEAK AND SPILL PROCEDURE</b> CONTAIN BY DYKING; COLLECT FOR DISPOSAL; FLUSH AREA WITH WATER. PREVENT FROM ENTERING SEWER SYSTEMS.					
<b>WASTE DISPOSAL</b> DISPOSE OF ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.					
<b>HANDLING EQUIPMENT AND PROCEDURES</b> AVOID CONTACT WITH SKIN AND EYES.					
<b>STORAGE REQUIREMENTS</b> STORE IN COOL, DRY AREA, AWAY FROM ACIDS AND STRONG OXIDIZERS.					
<b>SPECIAL SHIPPING INFORMATION</b> CORROSIVE LIQUID N.O.S. (SODIUM HYDROXIDE SOLUTION); CLASS-8; UN-1760; PG-II					
<b>SECTION 8 - FIRST AID MEASURES</b>					
<b>SPECIFIC MEASURES</b>					
<b>SKIN:</b> FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN. <b>EYES:</b> FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. <b>INHALATION:</b> REMOVE VICTIM TO FRESH AIR. IF BREATHING STOPPED, BEGIN ARTIFICIAL RESPIRATION. CALL PHYSICIAN. <b>INGESTION:</b> GIVE THREE OR FOUR GLASSES OF MILK OR WATER. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION. <b>GENERAL:</b> KEEP OUT OF REACH OF CHILDREN.					
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>					
<b>PREPARED BY (GROUP, DEPARTMENT, ETC.)</b>		<b>TELEPHONE NUMBER</b>		<b>DATE OF PREPARATION</b>	
TECHNICAL DEPARTMENT				1-MAY-2009	

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