

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT IDENTIFIER AND NAME</b> 1041 - PAINT REMOVER		<b>PRODUCT USE</b> PAINT REMOVER.	<b>WHMIS CLASSIFICATION</b> D2A	<b>PRODUCT ID NUMBER</b> 2810
<b>MANUFACTURER'S NAME</b> ADVANCE LABORATORIES LIMITED			<b>SUPPLIER'S NAME</b>	
<b>STREET ADDRESS:</b> 96 COLFORD DRIVE, Box 130, EASTERN SHORE INDUSTRIAL PARK			<b>STREET ADDRESS:</b>	
<b>CITY:</b> HALIFAX R.M.		<b>PROVINCE:</b> NS	<b>CITY:</b>	
<b>POST CODE</b> B0J 1N0	<b>EMERGENCY TELEPHONE NO:</b> (613) 996-6666		<b>POST 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)
METHYLENE CHLORIDE.	85-90	75-09-2	1500MG/KG ORAL RAT	3500PPM/4H/RAT
HEXYLENE GLYCOL.	1-5	107-21-1	4700MG/KG ORAL RAT	NAV
METHANOL.	5-10	67-56-1	5628MG/KG ORAL RAT	64000PPM/4H/RAT
ETHOXYLATED NONYLPHENOL	1-5	9016-45-9	2590MG/KG ORAL RAT	NAV

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE</b> LIQUID.	<b>ODOUR AND APPEARANCE</b> STRONG OVERPOWERING ODOUR, YELLOW.			<b>ODOUR THRESHOLD (PPM)</b> NAV
<b>VAPOUR PRESSURE (MM HG)</b> NAV	<b>VAPOUR DENSITY</b> 1.0	<b>EVAPORATION RATE</b> 2.9	<b>BOILING POINT (C)</b> 40 C	<b>FREEZING POINT (C)</b> NAV
<b>PH</b> NAP	<b>SPECIFIC GRAVITY</b> 1.27 ± 0.05	<b>COEFFICIENT WATER/OIL DIST.</b> 50 parts H <sup>2</sup> O		

## SECTION 4 - FIRE AND EXPLOSION DATA

<b>FLAMMABILITY</b> No	<b>IF "YES", UNDER WHAT CONDITIONS?</b>		
<b>MEANS OF EXTINCTION:</b> WATER FOG.			
<b>FLASHPOINT (C) AND METHOD</b> NAV	<b>UPPER FLAMMABLE LIMIT (% BY VOLUME)</b> 13	<b>LOWER FLAMMABLE LIMIT (% BY VOLUME)</b> 23	
<b>AUTOIGNITION TEMPERATURE (C)</b> NAV	<b>HAZARDOUS COMBUSTION PRODUCTS:</b> SMALL AMOUNTS HYDROGEN CHLORIDE, PHOSGENE, CHLORINE GAS.		
<b>EXPLOSION DATA</b>	<b>SENSITIVITY TO IMPACT</b> NAV	<b>SENSITIVITY TO STATIC DISCHARGE</b> NAV	

## 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> AMINES, ALUMINUM, POSSIBLY SODIUM, POTASSIUM AND MAGNESIA.
<b>REACTIVITY, AND UNDER WHAT CONDITIONS?</b> AVOID OPEN FLAMES AND OTHER HIGH TEMPERATURES.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> PHOSGENE AND CHLORINE GAS.	

<b>PRODUCT IDENTIFIER</b>						<b>1041</b>
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>						
<u>ROUTE OF ENTRY</u>	<u>SKIN CONTACT</u> Yes	<u>SKIN ABSORPTION</u> No	<u>EYE CONTACT</u> Yes	<u>INHALATION</u> Yes	<u>INGESTION</u> Yes	
<b>EFFECTS OF ACUTE EXPOSURE TO PRODUCT</b>						
<u>SKIN:</u> MAY CAUSE IRRITATION.						
<u>EYE:</u> MAY CAUSE IRRITATION.						
<u>INHALATION:</u> MAY CAUSE NOSE, LUNG IRRITATION, DIZZINESS, UNCONSCIOUSNESS.						
<u>INGESTION:</u> HARMFUL IF SWALLOWED.						
<b>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT</b>						
<u>SKIN:</u> SEE ACUTE EFFECTS ABOVE.						
<u>EYE:</u> SEE ACUTE EFFECTS ABOVE.						
<u>INHALATION:</u> AFFECTS CENTRAL NERVOUS SYSTEM; IMPAIRS BLOOD'S ABILITY TO CARRY OXYGEN.						
<u>INGESTION:</u> POSSIBLE DAMAGE TO KIDNEY, LIVER.						
<u>EXPOSURE LIMITS:</u> TLV 50PPM		<u>IRRITANCY OF PRODUCT</u> EYE, SKIN, NOSE, LUNGS.		<u>SENSITIZATION TO PRODUCT</u> NOT KNOWN.		<u>CARCINOGENICITY</u> NOT KNOWN.
<u>TERATOGENICITY</u> NONE.		<u>REPRODUCTIVE TOXICITY</u> NONE.		<u>MUTAGENICITY</u> NONE.		<u>SYNERGISTIC PRODUCTS</u> NOT KNOWN.
<b>SECTION 7 - PREVENTIVE MEASURES</b>						
SUGGESTED PERSONAL PROTECTIVE EQUIPMENT: <b>EMPLOYER TO EVALUATE THE WORKING CONDITIONS AND DETERMINE THE NECESSARY PERSONAL PROTECTIVE EQUIPMENT.</b>						
<u>GLOVES</u> IMPERVIOUS.		<u>RESPIRATOR</u> ORGANIC SOLVENT TYPE.		<u>EYE</u> SAFETY GOGGLES.		
<u>FOOTWEAR</u> SAFETY BOOTS.		<u>CLOTHING</u> APRON.		<u>OTHER</u> GOOD VENTILATION.		
<u>ENGINEERING CONTROLS</u> MECHANICAL PLUS GENERAL VENTILATION.						
<u>LEAK AND SPILL PROCEDURE</u> SMALL: WIPE UP IMMEDIATELY, REMOVE TO OUTDOORS. LARGE: EVACUATE AREA, TRANSFER TO CLOSED METAL CONTAINERS.						
<u>WASTE DISPOSAL</u> DISPOSE OF ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.						
<u>HANDLING EQUIPMENT AND PROCEDURES</u> SEE PERSONAL PROTECTIVE EQUIPMENT. KEEP FROM IGNITION SOURCES. AVOID BREATHING VAPORS COLLECTING IN LOW AREAS DUE TO DENSITY.						
<u>STORAGE REQUIREMENTS</u> STORE IN COOL, DRY AREA AWAY FROM IGNITION SOURCES.						
<u>SPECIAL SHIPPING INFORMATION</u> POISONOUS LIQUID N.O.S. CLASS-6.1(9.2); UN-2810; PG-III						
<b>SECTION 8 - FIRST AID MEASURES</b>						
<b>SPECIFIC MEASURES</b>						
<u>SKIN:</u> FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN. <u>EYES:</u> FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. <u>INHALATION:</u> REMOVE VICTIM TO FRESH AIR. IF BREATHING STOPPED, BEGIN ARTIFICIAL RESPIRATION. CALL PHYSICIAN. <u>INGESTION:</u> 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. <u>GENERAL:</u> KEEP OUT OF REACH OF CHILDREN.						
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>						
<u>PREPARED BY (GROUP, DEPARTMENT, ETC.)</u>			<u>TELEPHONE NUMBER</u>		<u>DATE OF PREPARATION</u>	
TECHNICAL DEPARTMENT			(902-) 827-3339		10/25/00	