

ABR ORGANICS LIMITED

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M A T E R I A L S A F E T Y D A T A S H E E T

ABRON – BR732 (PART – A)

SECTION 1-----CHEMICAL IDENTIFICATION-----

NAME : 1,1'-(METHYLENEDI-4,1-PHENYLENE) BIS-
MALEIMIDE

SECTION 2-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CAS # : 13676-54-5

SYNONYMS: 4,4'-BIPHENYLMETHANEBISMALEIMIDE * BISMALEIMIDE S
4,4-BIS(MALEIMIDO) DIPHENYLMETHANE * BIS(P-
MALEIMIDOPHENYL)METHANE * BIS(4-
MALEIMIDOPHENYL)METHANE * 4,4'-
BIS(MALEIMIDOPHENYL)METHANE * P,P'-
DIMALEIMIDOPHENYLMETHANE * 4,4'-
DIMALEIMIDOPHENYLMETHANE
*DIPHENYLMETHANEBISMALEIMIDE * 4,4'-
DIPHENYLMETHANEBISMALEIMIDE * 4,4'-
DIPHENYLMETHANEDIMALEIMIDE

SECTION 3-----HAZARDS IDENTIFICATION-----

HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF
SWALLOWED. IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY
OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

SECTION 4-----FIRST-AID MEASURES-----

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

SECTION 5-----FIRE FIGHTING MEASURES-----

EXTINGUISHING MEDIA: WATER SPRAY. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6-----ACCIDENTAL RELEASE MEASURES-----

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7-----HANDLING AND STORAGE-----

REFER TO SECTION 8.

SECTION 8-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----

CHEMICAL SAFETY GOGGLES, RUBBER GLOVES, NIOSH/MSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED.

AVOID CONTACT AND INHALATION.

IRRITANT, HARMFUL SOLID, KEEP TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE.

SECTION 9-----PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE AND ODOR: YELLOW-TAN POWDER

PHYSICAL PROPERTIES:

MELTING POINT : 156 °C TO 158 °C

SECTION 10-----STABILITY AND REACTIVITY-----

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS, HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF : CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES

SECTION 11-----TOXICOLOGICAL INFORMATION-----

ACUTE EFFECTS: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

SECTION 12-----ECOLOGICAL INFORMATION-----

DATA NOT YET AVAILABLE.

SECTION 13-----DISPOSAL CONSIDERATIONS-----

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

SECTION 14-----TRANSPORT INFORMATION-----

SHIPPING NAME: **ABRON BR732 PART A**: BISALEIMIDE BASED RESIN.
NON HAZARDOUS FOR TRANSPORT BY ROAD OR BY AIR.

SECTION 15-----OTHER INFORMATION-----

THE PRODUCT INFORMATION OR RECOMMENDATIONS OFFERED, EITHER IN WRITING OR VERBALLY, IS A PART OF SERVICE INFORMATION TO OUR CUSTOMERS, AND THESE ARE BASED ON TEST RESULTS CARRIED OUT BY US BASED ON THE CURRENT STATE OF OUR KNOWLEDGE. CUSTOMERS ARE REQUESTED TO INDEPENDENTLY EVALUATE THE SUITABILITY OF THE ABROL PRODUCTS FOR EACH APPLICATION. THE INFORMATION PROVIDED IS FOR THE USE BY PERSONS HAVING TECHNICAL SKILL, AT THEIR DISCRETION & RISK AND NO LIABILITY CAN BE ACCEPTED IN RESPECT OF INFORMATION PROVIDED AND NO WARRANTIES ARE INTENDED AS THE CONDITION OF APPLICATION ARE BEYOND OUR CONTROL.

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M A T E R I A L S A F E T Y D A T A S H E E T

ABRON – BR 732 (PART B)

SECTION 1-----CHEMICAL IDENTIFICATION-----

NAME: 2,2'-DIALLYLBISPHENOL A

SECTION 2-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CAS #: 1745-89-7

ADDITIONAL INFORMATION:

CONTAINS 4,4'-ISOPROPYLDENEDIPHENOL (BISPHENOL A),
CHEMICAL ABSTRACTS

SECTION 3-----HAZARDS IDENTIFICATION-----

CORROSIVE

CAUSES BURNS.

MAY CAUSE SENSITIZATION BY SKIN CONTACT.

TARGET ORGAN(S): LIVER, KIDNEYS, REPRODUCTIVE SYSTEM
BONE MARROW

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY
OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE
PROTECTION.

SECTION 4-----FIRST-AID MEASURES-----

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

SECTION 5-----FIRE FIGHTING MEASURES-----

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6-----ACCIDENTAL RELEASE MEASURES-----

EVACUATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

SECTION 7-----HANDLING AND STORAGE-----

REFER TO SECTION 8.

SECTION 8-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----

WEAR APPROPRIATE CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES,
OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
USE ONLY IN A CHEMICAL FUME HOOD.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
CORROSIVE, SENSITIZER
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9-----PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE AND ODOR: VISCOUS, YELLOW TO DARK BROWN LIQUID

PHYSICAL PROPERTIES:

FLASHPOINT : >230
SPECIFIC GRAVITY : 1.080

SECTION 10-----STABILITY AND REACTIVITY-----

STABILITY : STABLE.
INCOMPATIBILITIES: STRONG OXIDIZING AGENTS HAZARDOUS
COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF : CARBON MONOXIDE, CARBON DIOXIDE
ALDEHYDES

SECTION 11-----TOXICOLOGICAL INFORMATION-----

ACUTE EFFECTS: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED
THROUGH SKIN. MATERIAL IS EXTREMELY
DESTRUCTIVE TO EYES AND SKIN. INHALATION MAY
RESULT IN SPASM.

SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION,
COUGHING, WHEEZING.

EXPOSURE CAN CAUSE: DERMATITIS

TARGET ORGAN(S): LIVER, KIDNEYS, REPRODUCTIVE SYSTEM, BONE
Marrow

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
INVESTIGATED.

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DATA NOT YET AVAILABLE.

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AND SCRUBBER.

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