



chemists helping chemists in research & industry

aldrich chemical co.

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ATTN: SAFETY DIRECTOR
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WHITEWATER WI 53190

DATE: 07/31/90
CUST#: 523216
PO#: UNA-10754

MATERIAL SAFETY DATA SHEET

PAGE 1

IDENTIFICATION

PRODUCT #: 33128-7
CAS #: 7440-44-0
MF: C

NAME: ACTIVATED CARBON, NORIT RB 1 0.6, PELLETS

SYNONYMS

ACTICARBONE * ACTIVATED CARBON * AG 3 * AG 3 (ADSORBENT) * AG 5 * AG 5 (ADSORBENT) * AK (ADSORBENT) * ANTHRASORB * AR 3 * ART 2 * AU 3 * BAU * BG 6080 * BLACK LEAD * CARBON-12 * CARBON (DOT) * CARBOPOL EXTRA * CARBOPOL M * CARBOPOL Z 4 * CARBOPOL Z EXTRA * CARBOSIEVE * CARBOSORBIT R * CECARBON * CF 8 * CF 8 (CARBON) * C.I. 77265 * C.I. PIGMENT BLACK 10 * CLF II * CMB 50 * CMB 200 * COKE POWDER * COLUMBIA LCK * CONDUCTEX * CUZ 3 * CWN 2 * DARCO * FILTRASORB * FILTRASORB 200 * FILTRASORB 400 * GRAPHITE * GRAPHITE SYNTHETIC (ACGIH, OSHA) * GROSAFE * HYDRODARCO * IRGALITE 1104 * JADO * K 257 * MA 100 (CARBON) * NORIT * NUCHAR * OU-B * PELIKAN C 11/1431A * PLUMBAGO * SKG * SKT * SKT (ADSORBENT) * SU 2000 * SUCHAR 681 * SUPERSORBON IV * SUPERSORBON S 1 * U 02 * UN 1362 (DOT) * WATERCARB * WITCARB 940 * XE 340 * XF 4175L *

TOXICITY HAZARDS

RTECS NO: FF5250100

CARBON

TOXICITY DATA

IVN-MUS LD50: 440 MG/KG

TXAPA9 24,497,73

REVIEWS, STANDARDS, AND REGULATIONS

ACGIH TLV-TWA 10 MG/M3 (< 1% QUARTZ TOTAL DUST) 85INA8 5,291,86

MSHA STANDARD: NUISANCE PARTICULATES DTIVS* 3,122,71

OSHA PEL: 8H TWA 15 MG/M3, TOTAL DUST FEREAC 54,2923,89

OSHA PEL: 8H TWA 5 MG/M3, RESPIRABLE FRACTION FEREAC 54,2923,89

OSHA PEL FINAL: 8H TWA 10 MG/M3, TOTAL DUST FEREAC 54,2923,89

OSHA PEL FINAL: 8H TWA 5 MG/M3, RESPIRABLE FRACTION FEREAC 54,2923,89

NOHS 1974: HZD 80243; NIS 397; TNF 89481; NDS 184; TNE 762484

NOES 1983: HZD 80243; NIS 229; TNF 29702; NDS 126; TNE 384860; TFE

17063

EPA TSCA CHEMICAL INVENTORY, 1989

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, APRIL 1990

TARGET ORGAN DATA

EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

HEALTH HAZARD DATA

ACUTE EFFECTS

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

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND

CONTINUED ON NEXT PAGE

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HEALTH HAZARD DATA

TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

FIRST AID

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 BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

PHYSICAL DATA

VAPOR PRESSURE: <.1 MM @ 20 C
APPEARANCE AND ODOR
BLACK PELLETS

FIRE AND EXPLOSION HAZARD DATA

AUTOIGNITION TEMPERATURE: 842 F
EXTINGUISHING MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

REACTIVITY DATA

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, 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.
WASTE DISPOSAL METHOD
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

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S P I L L O R L E A K P R O C E D U R E S

OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

P R E C A U T I O N S T O B E T A K E N I N H A N D L I N G A N D S T O R A G E

CHEMICAL SAFETY GOGGLES.
RUBBER GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
IRRITATING DUST.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

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