

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: C6874

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - C6874 ##### 5. FIRE FIGHTING MEASURES

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 2/20/2013

PRODUCT CODE: AER-6750

PRODUCT NAME: BARKMARK WHITE AEROSOL

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HMS CODES:

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE AT THE BEGINNING OF THIS MSDS)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS #			% BY WT.
2-PROPANONE OSHA PEL: 1000 PPM TWA ACGIH TLV: 500 PPM TWA	67-64-1	185	68F	35 - 40%
MINERAL SPIRITS OSHA PEL: 100 PPM TWA ACGIH TLV: 100 PPM TWA	8052-41-3	<2.25	68F	15 - 20%
PROPANE OSHA PEL: 1000 PPM ACGIH TLV: NE	74-98-6	82080	70F	10 - 15%
BUTANE OSHA PEL: 800 PPM ACGIH TLV: 800 PPM	106-97-8	NE	NE	5 - 10%
TITANIUM DIOXIDE OSHA PEL: 10 MG/M3 TWA TOTAL DUST ACGIH TLV: 10 MG/M3 TOTAL DUST	13463-67-7	NE	NE	5.00
* 2-BUTOXYETHANOL ACGIH TLV: 20 PPM TWA OSHA PEL: 25 PPM TWA	111-76-2	0.6	68	1.39

* INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

3. HAZARDS IDENTIFICATION

ROUTE(S) OF ENTRY: DERMAL, INHALATION, AND INGESTION

POTENTIAL HEALTH EFFECTS:

EYE:
MAY CAUSE IRRITATION, LACRIMATION, REDNESS, BLURRED VISION, VISUAL DISTURBANCE OR EYE BURNS.

SKIN: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION.

INGESTION:
SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL.

INHALATION:
HIGH CONCENTRATIONS MAY LEAD TO CENTRAL NERVOUS SYSTEM EFFECTS (DROWSINESS, NAUSEA, HEADACHES, AND LOSS OF CONSCIOUSNESS AND EVEN DEATH). PROLONGED OR REPEATED EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.

CHRONIC (CANCER) INFORMATION: NO INFORMATION AVAILABLE

TERATOLOGY (BIRTH DEFECT) INFORMATION: NONE KNOWN

REPRODUCTION INFORMATION: NONE KNOWN

4. FIRST AID MEASURES

EYES:
IMMEDIATELY FLUSH EYES WITH A LARGE AMOUNT OF WATER FOR 15 MINUTES, OCCASIONALLY LIFTING EYES AND LIDS. GET IMMEDIATE MEDICAL ATTENTION. CONTACT LENSES SHOULD NOT BE WORN WHEN USING THIS MATERIAL.

SKIN:
REMOVE CONTAMINATED SHOES AND CLOTHING. WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF TISSUE APPEARS DAMAGED OR PAIN OR IRRITATION PERSISTS.

INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION:
IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED COMMENCE ARTIFICIAL RESPIRATION AND OBTAIN IMMEDIATE MEDICAL ATTENTION.

NOTE TO PHYSICIANS: NONE

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
FLASH POINT: FLAMMABLE LIQUID
FLASH POINT: -4 DEG. F(-21C)
METHOD: SETAFLASH

FLAMMABLE LIMITS:
LOWER EXPLOSIVE LIMIT: 1.0
UPPER EXPLOSIVE LIMIT: 13.3

AUTOIGNITION TEMPERATURE: NOT ESTABLISHED.

HAZARDOUS COMBUSTION PRODUCTS: MAY PRODUCE CARBON MONOXIDE.

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, OR CO2.

FIREFIGHTING INSTRUCTIONS:
WEAR SELF-CONTAINED BREATHING APPARATUS, WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE, AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT AN INCREASE IN PRESSURE AND A POSSIBLE AUTOIGNITION OR EXPLOSION OF THE CONTAINER CONTENTS WHEN EXPOSED TO EXTREME HEAT.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:
ELIMINATE ALL SOURCES OF IGNITION. PROVIDE GOOD VENTILATION AND MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. DIKE SPILL AREA AND ABSORB THE SPILLED LIQUID WITH EARTH, SAWDUST OR A COMMERCIALY AVAILABLE ABSORBENT.

SHOVEL SPENT ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR APPROPRIATE DISPOSAL.

LARGE SPILL:
ELIMINATE ALL SOURCES OF IGNITION. PROVIDE GOOD VENTILATION AND MINIMIZE THE BREATHING OF VAPOR AND AVOID SKIN CONTACT.

DIKE SPILL AREA TO PREVENT FURTHER MOVEMENT AND RECLAIM SPILL INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL.

7. HANDLING AND STORAGE

HANDLING: KEEP CONTAINER CLOSED AND UPRIGHT WHEN NOT IN USE.

STORAGE:
AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

AVOID ROUGH HANDLING.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
THE USE OF LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL PROCESS EMISSIONS NEAR THE SOURCE. SEE RESPIRATORY PROTECTION RECOMMENDATIONS.

RESPIRATORY PROTECTION:
WEAR AN APPROPRIATE (TYPE TC-23C-49) PROPERLY FITTED HALF-MASK OR A FULL FACEPIECE NIOSH APPROVED CARTRIDGE RESPIRATOR DURING AND AFTER COATING APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW THE PERMISSABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

SKIN PROTECTION:
WEAR CHEMICAL RESISTANT (NITRILE OR VITON) GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTION: USE CHEMICAL GOGGLES, SAFETY GLASSES, OR A FACE SHIELD.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: -44F

MELTING POINT: NOT APPLICABLE.

VAPOR PRESSURE: NOT AVAILABLE

VAPOR DENSITY: HEAVIER THAN AIR.

SOLUBILITY IN WATER: SLIGHT.

SPECIFIC GRAVITY: .82

PH: NOT APPLICABLE.

ODOR: MILD PETROLEUM ODOR.

APPEARANCE: LIQUID

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):
THIS MATERIAL HAS BEEN FOUND TO BE STABLE UNDER REASONABLE CONDITIONS OF STORAGE AND USE.

INCOMPATIBILITY: ALKALINE MATERIALS, STRONG ACIDS AND OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:
BY FIRE: CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

TERATOLOGY: NONE KNOWN.
REPRODUCTION: NONE KNOWN.
MUTAGENICITY: NONE KNOWN.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: INFORMATION NOT AVAILABLE.
CHEMICAL FATE INFORMATION: INFORMATION NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

DISPOSE MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

14. TRANSPORT INFORMATION

(NOT MEANT TO BE ALL INCLUSIVE)
DOT SHIPPING NAME: AEROSOLS, FLAMMABLE
DOT HAZARD CLASS: 2.1
UN/NA NUMBER: UN1950
DOT PACKING GROUP: N/A
DOT LABELS REQUIRED: LTD QTY
REPORTABLE QUANTITY: NO
DOT EXEMPTION NUMBER: N/A
EPA HAZARDOUS WASTE CODE: D-001 (IGNITABLE)
U.S. POSTAL REGULATIONS FORBID SENDING THIS PRODUCT THROUGH THE MAIL.

15. REGULATORY INFORMATION

(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS REPRESENTED)
U.S. FEDERAL REGULATIONS:
ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE US TSCA INVENTORY.
OSHA:
CERCLA: SARA HAZARD CATEGORY:
ACUTE: HEALTH HAZARD.
CHRONIC:
HEALTH HAZARD.
FIRE HAZARD.
INTERNATIONAL REGULATIONS:
CANADIAN WHMIS: INFORMATION NOT AVAILABLE.
CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): INFORMATION NOT AVAILABLE.
EINECS: INFORMATION NOT AVAILABLE.
STATE REGULATIONS: INFORMATION NOT AVAILABLE.
VOLATILE ORGANIC COMPOUNDS: 526 G/L

16. OTHER INFORMATION

MSDS STATUS:
THIS DOCUMENT HAS BEEN PREPARED BY THE NCP TECHNICAL SUPPORT STAFF. PLEASE REFER AT THE BEGINNING OF THIS MSDS FOR CONTACT INFORMATION

THE FOREGOING DATA HAS BEEN COMPILED FROM SOURCES WHICH THE COMPANY, IN GOOD FAITH, BELIEVES TO BE DEPENDABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. HOWEVER, THE COMPANY CANNOT MAKE ANY WARRANTY OR REPRESENTATION RESPECTING THE ACCURACY OR COMPLETENESS OF THE DATA AND ASSUMES NO RESPONSIBILITY FOR ANY LIABILITY OR DAMAGES RELATING THERETO OR FOR ADVISING YOU REGARDING THE PROTECTION OF YOUR EMPLOYEES, CUSTOMERS, OR OTHERS. USER SHOULD CONSULT OSHA AND OTHER APPLICABLE SAFETY LAWS AND REGULATIONS BEFORE USE.

REVISION DATE: 10/12/12