

ACTIVITED CARBON FIBER

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Product Name : ACTIVITED CARBON FIBER

CAS NUMBER : 7440-44-0

Data Sheet No : SC-MSDS-02

Prepared : 2011-03-05

SECTION I – PRODUCT AND MANUFACTURER IDENTIFICATION

General or Generic ID : ACTIVITED CARBON FIBER

DOT Harzard Classificaton : NOT APPLICABLE

Manufacturer : ACF KOREA CO.,LTD

Company location :

1-174,201 HAANDONG KWANGMYONG CITY KYONGGI PROVINCE, REPUBLIC OF KOREA

Tel : +82-2-2615-0693 Fax : +82-2-2613-0692

Factory location :

1-174,201 HAANDONG KWANGMYONG CITY KYONGGI PROVINCE, REPUBLIC OF KOREA

Tel : +82-2-2615-0693 Fax : +82-2-2613-0692

SECTION II-COMPONENTS

INGREDIENT	CAS NO	%(by WT)
ACF CARBON	7440-44-0	96-100
SULFUR	7704-34-9	0-0.5

SECTION III - HEALTH HAZARD DATA

EFFECT OF ACUTE OVEREXPOSURE

IF SWALLOWED : BY NATURE OF PRODUCT PROBLEMS NOT BUT EXPECTED, BUT INDUSTRIAL PRODUCTS ARE NEVER MEANT TO BE SWALLOWED.

EYES: DUE TO THE PHYSICAL NATURE OF THIS PRODUCT, EYE CONTACT IS UNLIKELY.

SHOULD CONTACT OCCUR, AIRBORNE FIBERS AND PARTICLES MAY CAUSE MILD

SECTION III-HEALTH HAZARD DATA(CONTINUED)

EYE IRRITATION

SKIN: NO SIGNIFICANT IRRITATION EXPECTED OTHER THAN POSSIBLE MECHANICAL IRRITATION.

INHALATION: EXPOSURE IS UNLIKELY DUE TO THE PHYSICAL NATURE OF THE PRODUCT. SHOULD EXPOSURE OCCUR, DUST MAY CAUSE SLIGHT DISCOMFORT TO NASAL AND RESPIRATORY PASSAGES.

PRIMARY ROUTE(S) OF ENTRY:

INHALATION, SKIN CONTACT.

SECTION IV- FIRST-AID MEASURES

IF ON SKIN : THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER.

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY.

IF SWALLOWED: DUE TO THE NATURE OF THE MATERIAL, IT IS VERY UNLIKELY THAT IT COULD BE TAKEN INTERNALLY.

IF BREATHED: REMOVE INDIVIDUAL TO FRESH AIR.

SECTION V – FIRE AND EXPLOSION INFORMATION

FLASH POINT : NOT APPLICABLE

EXPLOSIVE LIMIT : NOT APPLICABLE

EXTINGUISHING MEDIA: REGULAR FOAM OR WATER FOG OR CARBON DIOXIDE OR DRY CHEMICAL.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS, CARBON DIOXIDE AND CARBON MONOXIDE, ETC.

FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

SPECIAL FIRE & EXPLOSION HAZARDS: ACTIVITED CARBON FIBERS CONDUCT ELECTRICITY.

SECTION V -FIRE AND EXPLOSION INFORMATION(CONTINUED)

PROTECT AGAINST SHOCK WHEN IN CONTACT WITH ELECTRICAL SOURCES.

NEPA CODES: HEALTH-0 FLAMMABILITY-1 REACTIVITY-0

SECTION VI-SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: SWEEP UP MATERIAL FOR DISPOSAL OR RECOVERY.

LARGE SPILL: SHOVEL MATERIAL INTO CONTAINERS. THOROUGHLY SWEEP AREA OF SPILL TO CLEAN UP ANY RESIDUAL MATERIAL.

WASTE DISPOSAL METHOD:

SMALL SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL AND NATIONAL REGULATIONS.

LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND NATIONAL REGULATIONS.

SECTION VII-HANDLING AND STORAGE

HANDLING & STORAGE:

AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR SAFETY GLASSES OR GOGGLES, RESISTANT GLOVES, AND OTHER APPROPRIATE PROTECTIVE EQUIPMENT ESSENTIAL FOR YOUR OPERATION. AVOID BREATHING DUST. MINIMIZE EXPOSURE THROUGH GOOD HYGIENIC PRACTICES, CARBON FIBERS CONDUCT ELECTRICITY, PROTECT AGAINST SHOCK WHEN IN CONTACT WITH ELECTRICAL SOURCES, DO NOT TRANSFER TO UNLABELED CONTAINER. BEFORE USE, REVIEW MATERIAL SAFETY DATA SHEET FOR MORE DETAILED INFORMATION, INCLUDING CHRONIC HEALTH EFFECTS.

FIRST AID:

EYES: THOROUGHLY FLUSH WITH WATER.

SKIN: WASH THOROUGHLY WITH SOAP AND WATER.

SECTION VII-HANDLING AND STORAGE(CONTINUED)

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

SECTION VIII-EXPOSURE CONTROL & PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION : IF NEEDED USE A NIOSH/MSHA JOINTLY APPROVED DUSTRESPIRATOR. (ASK YOUR SAFETY EQUIPMENT SUPPLIER)

VENTILATION : PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCALEXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW LEVEL OF OVEREXPOSURE (FROM KNOWN, SUSPECTED OR APPARENT ADVERSE EFFECRS).

PROTECTIVE GLOVES : WEAR RESISANT GLOVES SUCH AS NEOPRENE, NITRILE RUBBER

EYE PROTECTION : WEAR SAFETY GLASSES IN COMPLIANCE WITH OSHA

REGULATIONS.(CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT : NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

SECTION IX – PHYSICAL DATA

Boiling Point	NOT APPLICABLE
Vapor Pressure	NOT APPLICABLE
Specific Vapor Density	NOT APPLICABLE
Specific Gravity	1,500-1,600@25°C
Percent Volatiles	NOT APPLICABLE
Evaporation Rate	NOT APPLICABLE
Apperance	BLACK
State	SOLID
Form	FIBERS

SECTION X-REACTIVITY DATA

HAZATDOUS POLYMETIZATION

CANNOT OCCUR

MATERIAL SAFETY DATA SHEET	ACF KOREA CO.,LTD 1-174,201 HAANDONG KWANGMYONG CITY KYONGGI PROVINCE, REPUBLIC OF KOREA +82-2-2615-0693
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SECTION X-REACTIVITY DATA(CONTINUED)

STABILITY	STABLE
INCOMPATIBILITY	NOT APPLICABLE

SECTION XI – TOXICOLOGICAL INFORMATION

CORROSION: NONE

IRRITATION: MECHANICAL IRRITATION OF EYES AND SKIN MAY OCCUR WITH EXPOSURE TO AIRBORNE FIBERS.

INHALATION OF DUST MAY CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES.

ACUTE TOXICITY

SUB6→CHRONIC TOXICITY

CATCINOGENIC EFFECTS

EFFECTS ON THE REPRODUCTIVE SYSTEM

ALLERGENIC AND SENSITIZING EFFECTS

SECTION XII-ECOLOGICAL INFORMATION

DECOMPOSITION:	NOT AVAILABLE
ACCUMULATION:	NOT AVAILABLE
FISH TOXICITY:	NOT AVAILABLE
OTHER INFORMATION:	NOT AVAILABLE

SECTION XIII – DISPOSAL CONSIDERATION

BURIAL IN A LICENSED FACILITY IS RECOMMENDED. DISPOSAL SHOULD BE CARRIED OUT IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS.

SECTION XIV-TRANSPORT INFORMATION

CONTAINER MUST NOT BE BROKEN.

SECTION XV -REGULATORY INFORMATION

THE REGULATORY INFORMATION IN REGARD TO THIS MATERIAL IN YOUR COUNTRY OR REGION IS NOT ABLE TO BE CHECKED UP, YOU ARE REQUESTED TO EXAMINE THIS MATERIAL.

SECTION XVI-SPECIAL PRECAUTIONS OR OTHER COMMENTS

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

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