

Safety Data Sheet

This SDS may be used to comply with OSHA's
Hazard Communication Standard, 29 CFR 1910.1200

SECTION 1: IDENTIFICATION

PRODUCT NAME: Alpha One Fertilizers
SDSNUMBER: Fertilizer
SYNONYMS/OTHER MEANS OF IDENTIFICATION: Organic Fertilizers
INTENDED-USE: Plant Fertilization
MANUFACTURER: Alpha One Inc.
EMERGENCY HEALTH AND SAFETY NUMBER:
SDS INFORMATION: PHONE: 970 674 1085
E-MAIL: Gary@alphaoneinc.com
URL: www.alphaoneinc.com

SECTION 2: HAZARD(S) IDENTIFICATION

UNCLASSIFIED HAZARD

LABEL ELEMENTS:

SIGNAL WORD: N/A DUE TO FDA LABELING EXEMPTION

HAZARD STATEMENT(S):

CLASS 2B EYE IRRITANT.

MAY CAUSE BREATHING DIFFICULTIES IF INHALED.

MAY CREATE A FLASH FIRE OR EXPLOSION HAZARD IF DUST OF CERTAIN PARTICLE SIZE IS SUSPENDED IN AIR AT SUFFICIENT CONCENTRATION IN A CONFINED SPACE AND EXPOSED TO AN IGNITION SOURCE.

PRECAUTIONARY STATEMENT(S):

MAY BE MECHANICAL EYE IRRITANT. RINSE EYES WITH WATER FOR SEVERAL MINUTES.

AVOID BREATHING DUST. EXCESSIVE INHALATION MAY AFFECT NOSE, THROAT, AND LUNGS. FERTILIZER DUST MAY BURN IF SUSPENDED IN AIR AND MAY CREATE A FLASH FIRE/EXPLOSION HAZARD. AVOID IGNITION SOURCES.

EMERGENCY OVERVIEW: MAYBE MECHANICAL IRRITANT TO EYES. EXCESSIVE INHALATION OF ORGANIC FERTILIZER DUSTS MAY AFFECT NOSE, THROAT, AND LUNGS. MAY FORM COMBUSTIBLE DUST CONCENTRATION IN AIR; SEE "EXPLOSION HAZARD" BELOW.

EXPLOSION HAZARD: ORGANIC FERTILIZER IS GENERALLY CONSIDERED NOT HAZARDOUS, BUT DUST GENERATED THROUGH DOWNSTREAM ACTIVITIES THAT MAY GENERATE EXCESSIVE DUST (E.G., SHIPPING, HANDLING, TRANSFER TO BINS, ETC.) MAY CREATE A HAZARDOUS CONDITION.

IF EXPOSED TO AN IGNITION SOURCE, FEED DUST MAY BURN. AIRBORNE DUST IN SUFFICIENT CONCENTRATIONS WHEN EXPOSED TO AN IGNITION SOURCE MAY FLASH OR, IN A CONFINED SITUATION, MAY FUEL AN EXPLOSION.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CASRN	CONCENTRATION
DUST FROM PREPARED ORGANIC FERTILIZERS, PLANT AND/OR ANIMAL PRODUCTS, AND MINERAL ADDITIVES)		100%

SECTION 4: FIRST-AID MEASURES

INHALATION:

REMOVE PERSON FROM EXPOSURE. SEEK MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

INGESTION:

IF SWALLOWED, GIVE SEVERAL GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT:

WASH AFFECTED SKIN WITH SOAP AND WATER.

EYE CONTACT:

FLUSH EYES WITH WATER. SEEK MEDICAL ATTENTION AS NEEDED.

SECTION 5: FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON

SPECIAL FIRE FIGHTING PROCEDURES: EXTINGUISH WITH WATER FOG, DRY CHEMICAL POWDERS, OR FOAM. DO NOT USE STRONG STREAMS OF WATER OR DRY CHEMICAL IF DUST CAN BE DISPERSED INTO THE AIR. DUST PLACED IN SUSPENSION WITH AN IGNITION SOURCE PRESENT MAY FLASH OR EXPLODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXPLOSION HAZARD MAY EXIST FOR COMBUSTIBLE DUSTS OF CERTAIN PARTICLE SIZE AND MOISTURE CONTENT WHEN SUSPENDED IN AIR AT CERTAIN CONCENTRATIONS AND SUBJECTED TO AN IGNITION SOURCE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

CLEAN UP WITH SOFT BRISTLE BROOM(S) OR A VACUUM APPROVED FOR A CLASS II HAZARDOUS LOCATION. DUST DEPOSITS SHOULD BE MAINTAINED TO A MINIMUM ON SURFACES, AS THESE COULD FORM AN EXPLOSIVE MIXTURE IF THEY ARE RELEASED INTO THE ATMOSPHERE IN SUFFICIENT CONCENTRATION. AVOID DISPERSAL OF DUST IN THE AIR (I.E., CLEANING DUST SURFACES WITH COMPRESSED AIR IN THE PRESENCE OF IGNITION SOURCE SHOULD NOT BE ALLOWED). NON-SPARKING TOOLS SHOULD BE USED.

SECTION 7: HANDLING AND STORAGE

AVOID DISPENSING DUST IN AIR AND EXPOSURE TO POTENTIAL IGNITION SOURCES. REMOVE FERTILIZER DUST FROM AREA/PROCESSING EQUIPMENT PRIOR TO USING ANY HEAT PRODUCING EQUIPMENT SUCH AS ARC WELDERS, CUTTING TORCHES, AND SPARK/HEAT PRODUCING TOOLS SUCH AS PORTABLE SURFACE GRINDERS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL

15 MG/M3 (TOTAL)

5 MG/M3 (RESPIRABLE)

ACGIH TLV

10 MG/M3*

**THIS TLV APPLIES TO NUISANCE PARTICULATES.*

THE GRAIN INDUSTRY BELIEVES THERE IS CURRENTLY INADEQUATE DATA TO SUPPORT THIS TLV.

RESPIRATORY PROTECTION: MAY CAUSE IRRITATION OF THE NASAL MEMBRANES OR THE UPPER RESPIRATORY TRACT IF DUST EXCEEDS THE NUISANCE LEVEL. WEAR AN APPROVED NIOSH DUST RESPIRATOR WHENEVER DUST CONCENTRATIONS IN THE WORK AREA ARE ABOVE ACGIH TLV/OSHA PELS.

VENTILATION: LOCAL EXHAUST: IF NEEDED

MECHANICAL (GENERAL): IF NEEDED

ENSURE THAT DUST HANDLING SYSTEMS (SUCH AS EXHAUST DUCTS, DUST COLLECTORS, VESSELS, AND PROCESSING EQUIPMENT) ARE DESIGNED IN A MANNER TO PREVENT THE ESCAPE OF DUST INTO THE WORK AREAS. USE ONLY APPROPRIATELY CLASSIFIED ELECTRICAL EQUIPMENT AND POWERED INDUSTRIAL TRUCKS.

PROTECTIVE GLOVES: N/A

EYE PROTECTION: SAFETY GLASSES / GOGGLES SUGGESTED IN DUSTY CONDITIONS.

WORK/HYGIENIC PRACTICES: GOOD PERSONAL HYGIENE PRACTICES SHOULD BE FOLLOWED. WASH HANDS AND FACE BEFORE EATING, DRINKING, ETC.

AVOID DUST ACCUMULATION AND CONTROL IGNITION SOURCES, WHERE APPROPRIATE, EMPLOY GROUNDING, VENTING, AND EXPLOSION RELIEF PROVISIONS IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES IN PROCESSES CAPABLE OF GENERATING DUST AND/OR STATIC ELECTRICITY. AVOID ACCUMULATION OF DUST ON SURFACES TO PREVENT SECONDARY DUST EXPLOSIONS. REFER TO APPROPRIATE OSHA, NFPA AND APPLICABLE STANDARDS.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT (METHOD): N/A

FLAMMABLE LIMITS: LEL: VARIABLE

UEL: UNKNOWN

AUTOIGNITION

TEMPERATURE: UNKNOWN

APPEARANCE: VARIABLE COLOR TYPICALLY RANGING FROM GRAY TO DARK BROWN; CAN BE CHARACTERISTIC OF COLOR ADDITIVES, IF USED. AROMA TYPICALLY CHARACTERISTIC OF MATERIALS; CAN BE CHARACTERISTIC OF MINERAL ADDITIVES, IF USED.

SOLID CONTENTS: 100%

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

UNSTABLE:

CONDITION TO AVOID: N/A

STABLE: X

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: MAY OCCUR: **CONDITION TO AVOID:** N/A
WILL NOT OCCUR: X

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: **INHALATION:** X **SKIN:** X **EYES:** X **INGESTION:** UNLIKELY
CARCINOGENICITY: **NTP:** NO **ARC MONOGRAPHS:** NO **OSHA REGULATED:** NO

ACUTE: MAY BE MECHANICAL IRRITANT TO SKIN AND EYES. EXCESSIVE INHALATION OF FERTILIZER DUSTS MAY AFFECT THE NOSE, THROAT, AND LUNGS.

CHRONIC: REPEATED AND PROLONGED INHALATION OF FERTILIZER DUSTS MAY AFFECT THE RESPIRATORY SYSTEM. SMOKERS HAVE AN INCREASED RISK OF RESPIRATORY EFFECTS.

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION TO THE SKIN, EYES, NOSE OR THROAT MAY OCCUR. SOME PEOPLE MAY OCCASIONALLY EXPERIENCE COUGHING.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ALLERGIES AND RESPIRATORY AILMENTS.

SECTION 12: ECOLOGICAL INFORMATION: (NON-MANDATORY)

SECTION 13: DISPOSAL CONSIDERATIONS: (NON-MANDATORY)

SECTION 14: TRANSPORT INFORMATION: (NON-MANDATORY)

SECTION 15: REGULATORY INFORMATION: (NON-MANDATORY)

SECTION (B)(5)(III) OF THE HCS (CFR 1910.1200) EXEMPTS FOOD, INCLUDING FERTILIZER AND THEREFORE ANY ASSOCIATED FERTILIZER DUST, FROM THE LABELING REQUIREMENTS OF THE HCS SINCE THE/FERTILIZER IS SUBJECT TO THE LABELING REQUIREMENTS OF THE FOOD & DRUG ADMINISTRATION.

SECTION 16: OTHER INFORMATION

ORGANIC FERTILIZER IS COMPRISED OF WHOLE AND PROCESSED GRAINS AND MAY CONTAIN PLANT AND/OR ANIMAL PRODUCTS, VITAMINS, MINERALS AND FEED ADDITIVES. FEED COMPONENTS GENERALLY PRODUCE A LIMITED AMOUNT OF DUST IN MANUFACTURING AND HANDLING OF THE MATERIAL.