

Material Safety Data Sheet

AGGREGATE STONE CHIPS

===== 1. Product Identification & Company Info =====

Product ID:AGGREGATE, STONE CHIPS
MSDS Date:04 / 08/ 2016
FSC:NIIN:Submitter:D DG
Status Code:A
MSDS Number: CLJSJ
=== Responsible Party ===
Company Name: Phenix Enterprise, 13, Plot 39/40, Sec 9,
City:Gandhidham
State:GUJARAT
ZIP:370201
Country:INDIA
Info Phone Num:0091 9687037876
Emergency Phone Num: 0091 9687037876
Preparer's Name: Dipen Sisodiya

===== 2. Composition/Information on Ingredients =====

Ingred Name:LIMESTONE/DOLOMITE: LIMESTONE: CACO3-87%, MGCO3-11%.
DOLOMITE: CACO3-54.1%, MGMO3-43.9%.
CAS:1317-65-3
RTECS #:EV9580000
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

===== 3. Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: EXPOSURE TO AIRBORNE DUST MAY
CAUSE IMMEDIATE OR DELAYED IRRITATION OR INFLAMMATION. EYE CONTACT
BY LARGE AMOUNTS OF DRY POWDER OR SPLASHES OF WET LIMESTONE DUST
MAY CAUSE EFFECTS RANGING FROM MODERATE EYE IRRITATION TO CORNEAL
ABRASIONS. SKIN-DIRECT CONTACT MAY CAUSE IRRITATION BY MECHANICAL
ABRASION. INHALATION-LIMESTONE MAY CONTAIN TRACE AMOUNTS OF FREE
CRYSTALLINE SILICA. PROLONGED EXPOSURE TO RESPIRABLE FREE SILICA
CAN AGGRAVATE OTHER LUNG CONDITIONS & CAUSE SILICOSIS, A DISABLING
& POTENTIALLY FATAL LUNG DISEASE. INGESTION-ILL EFFECTS ARE POSSIBLE
IF LARGER QUANTITIES ARE CONSUMED.
Explanation of Carcinogenicity:LIMESTONE IS NOT LISTED AS A CARCINOGEN
BY NTP, OSHA, OR IARC. IT MAY HOWEVER, CONTAIN TRACE AMOUNTS OF
SUBSTANCES LISTED AS CARCINOGENS BY THESE ORGANIZATIONS. CRYSTALLINE
SILICA, WHICH IS A COMPONENT OF LIMESTONE, IS NOW CLASSIFIED BY
IARC AS KNOWN HUMAN CARCINOGEN (GROUP 1). NTP HAS CHARACTERIZED
RESPIRABLE SILICA AS "REASONABLY ANTICIPATED CARCINOGEN".
Effects of Overexposure:EXPOSURE TO LIMESTONE DUST MAY CAUSE IRRITATION
TO THE MOIST MUCOUS MEMBRANES OF THE NOSE, THROAT, & UPPER
RESPIRATORY SYSTEM. IT MAY ALSO LEAVE UNPLEASANT DEPOSITS IN THE
NOSE.
Medical Cond Aggravated by Exposure:PRE-EXISTING UPPER RESPIRATORY AND
LUNG DISEASES.

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===== 4. First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER. CONTINUE FLUSHING EYE FOR AT LEAST 15 MINUTES, INCLUDING UNDER LIDS, TO REMOVE ALL PARTICLES. CALL PHYSICIAN IF IRRITATION PERSISTS OR LATER DEVELOPS . SKIN: WASH SKIN WITH COOL WATER AND PH-NEUTRAL SOAP OR A MILD DETERGENT. SEEK MEDICAL TREATMENT IF IRRITATION PERSISTS OR LATER DEVELOPS. INHALATION OF AIRBORNE DUST: REMOVE TO

FRESH AIR. SEEK MEDICAL HELP IF COUGHING AND OTHER SYMPTOMS DO NOT SUBSIDE. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, HAVE THE VICTIM DRINK PLENTY OF WATER AND CALL A PHYSICIAN IMMEDIATELY.

===== 5. Fire Fighting Measures =====

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NOT CO
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:NOT COMBUSTIBLE.
Fire Fighting Procedures:NONE.
Unusual Fire/Explosion Hazard:NONE.

===== 6. Accidental Release Measures =====

Spill Release Procedures:COLLECT DRY MATERIAL USING A SCOOP. AVOID ACTIONS THAT CAUSE DUST TO BECOME AIRBORNE. AVOID INHALATION OF DUST AND CONTACT WITH SKIN. NONE OF THE COMPONENTS OF THIS PRODUCT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF TITLE III OF SARA 1986, AND 40 CFR 372.

===== 7. Handling and Storage =====

Handling and Storage Precautions:FOLLOW THE PERSONAL PROTECTION AND CONTROLS SET FORTH IN THIS MSDS WHEN HANDLING THIS PRODUCT. RESPIRABLE CRYSTALLINE SILICA-CONTAINING DUST MAY BE GENERATED DURING PROCESSING, HANDLING AND STORAGE.
Other Precautions:ADVISORY: RESPIRATORS AND FILTERS PURCHASED AFTER JUNE 10, 1998 MUST BE CERTIFIED UNDER 42CFR84.

===== 8. Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID ACTIONS THAT CAUSE DUST TO BECOME AIRBORNE. USE LOCAL OR GENERAL EXHAUST VENTILATION TO CONTROL EXPOSURES BELOW APPLICABLE EXPOSURE LIMITS. USE NIOSH/MSHA APPROVED (UNDER 30 CFR 11) OR NIOSH APPROVED (UNDER 42 CFT 84) RESPIRATORS IN POORLY VENTILATED AREAS, IF AN APPLICABLE EXPOSURE LIMIT IS EXCEEDED, OR WHEN DUST CAUSES DISCOMFORT OR IRRITATION.

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Ventilation:USE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION TO CONTROL EXPOSURE WITHIN APPLICABLE LIMITS.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:IN EXTREMELY DUSTY

ENVIRONMENTS/UNPREDICTABLE ENVIRONMENTS WEAR UNVENTED OR INDIRECTLY VENTED GOGGLES. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS PRODUCT WHICH MAY GENERATE AIRBORNE DUST.

Work Hygienic Practices:WASH DUST-EXPOSED SKIN WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, AND USING THE TOILET FACILITIES. WASH WORK CLOTHES AFTER EACH USE.

Supplemental Safety and Health

PRODUCT ID: AGGREGATE, AGLIME, BARN CALCITE, COVERSTONE, FLEXIBLE BASE, FLUXING AGENT, MINERAL FILLER, MANUFACTURED SAND, SCREENINGS CRUSHED STONE, DENSE GRADED AGGREGATE. WATER NEUTRALIZER, CRESITE WATER CONDITIONING CRYSTALS, YARD RIGHT LIMESTONE, GUIDE LINE FIELD MARKER.

===== 9. Physical/Chemical Properties =====

HCC:N1

Boiling Pt:>1000.C, 1832.F

Vapor Density:NOT APPLIC

Spec Gravity:2.55 TO 2.85 (H₂O=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SOLID, NO DISTINCT ODOR

===== 10. Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

POWERFUL OXIDIZING AGENTS SUCH AS FLUORIDE, BORON TRIFLUORIDE, CHLORINE TRIFLUORIDE, MANGANESE TRIFLUORIDE, OXYGEN DEFLUORIDE. CONTACT OF THESE METALS MAY CAUSE FIRE &/OR EXPLOSIONS. SILICA DISOLVES IN HYDROFLUORIC ACID PRO

Stability Condition to Avoid:AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:WILL NOT SPONTANEOUSLY OCCUR.

SILICA-CONTAINING RESPIRABLE DUST PARTICLES MAY BE GENERATED BY HANDLING.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== 11. Toxicological Information =====

Toxicological Information:FOR A DESCRIPTION OF AVAILABLE, MORE DETAILED TOXICOLOGICAL INFORMATION CONTACT THE SUPPLIER OR MANUFACTURER.

===== 12. Ecological Information =====

Ecological:ECOTOXICITY-NO RECOGNIZED UNUSUAL TOXICITY TO PLANTS OR ANIMALS.

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===== 13. Disposal Considerations =====

Waste Disposal Methods: PICKUP AND RESUE CLEAN MATERIALS. DISPOSE OF WASTE MATERIALS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. WHERE APPLICABLE, DISPOSE OF BAGS IN AN APPROVED LANDFILL OR INCINATOR.

===== 14. MSDS Transport Information =====

Transport Information: NOT HAZARDOUS UNDER U.S. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS.

===== 15. Regulatory Information =====

SARA Title III Information: SECTION 311 AND 312: LIMESTONE QUALIFIES AS A "HAZARDOUS SUBSTANCE" WITH DELAYED HEALTH EFFECTS. SECTION 313: NOT SUBJECT TO REPORTING REQUIREMENTS UNDER SECTION 313.

Federal Regulatory Information: TSCA: SOME SUBSTANCES IN LIMESTONE ARE ON THE TSCA INVENTORY LIST. FEDERAL HAZARDOUS SUBSTANCE ACT: LIMESTONE IS A "HAZARDOUS SUBSTANCE" SUBJECT TO STATUTES PROMULGATED UNDER THE SUBJECT ACT. CERCLA/SUP ERFUND 40 CFR 117 AND 302: NOT LISTED. USDOL-OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200: LIMESTONE IS CONSIDERED A "HAZARDOUS CHEMICAL" UNDER THIS REGULATION, AND SHOULD BE PART OF ANY HAZARDOUS COMMUNICATION PROGRAM.

State Regulatory Information: CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS UP TO 0.05 PERCENT OF CHEMICALS (TRACE ELEMENTS) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. CALIFORNIA LAW REQUIRES THE MANUFACTURER TO GIVE THE ABOVE WARNING IN THE ABSENCE OF DEFINITIVE TESTING TO PROVE THAT THE DEFINED RISK DOES NOT EXIST.

===== 16. Other Information =====

Disclaimer (provided with this information by the compiling agencies):

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