SAFETY DATA SHEET #2400
REVISION #12
DATE REVISED: 05/03/2015

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name(s): (CELITE® = C) C110, C224, C226, C319, C501, C513, C522, FILTER AID FOR COOKING OIL, C HSC, HYFLO® (ALL), HYFLO® SUPER CEL®, X-4, X-5

Generic Name: FLUX CALCINED DIATOMACEOUS EARTH
Chemical Name: SILICA
Manufacturer: Imerys
Address: 1732 North First Street, Suite 450
City: San Jose **State:** CA **Zip:** 95112

CAS: 68855-54-9
EINECS: 272-489-0
Formula: SiO_2
Telephone: (805) 737-1239
Emergency: CHEMTREC – USA: (800) 424-9300
International: +01 (703) 527-3887 (collect)

2. HAZARD IDENTIFICATION

SIGNAL WORD: DANGER
HAZARD PHRASE H372: CAUSES DAMAGE TO LUNGS THROUGH PROLONGED OR REPEATED EXPSOSURE BY INHALATION.
PRECAUTIONARY PHRASE P260: DO NOT BREATHE DUST.
PRECAUTIONARY PHRASE P285: IN CASE OF INADEQUATE VENTILATION, WEAR RESPIRATORY PROTECTION.
PRECAUTIONARY PHRASE P501: DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL REGULATIONS.

THIS PRODUCT CONTAINS CRYSTALLINE SILICA (CS) WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED INHALATION OF CS AS A CARCINOGEN FOR HUMANS (GROUP 1). CS IS LISTED BY NTP AS A KNOWN HUMAN CARCINOGEN. INHALATION OF CS IS ALSO A KNOWN CAUSE OF SILICOSIS, A NON-CANCEROUS LUNG DISEASE.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS NUMBER:	%	PEL AND TLV (except as noted)
FLUX CALCINED DIATOMACEOUS EARTH (DE)	68855-54-9	100	
THIS PRODUCT MAY CONTAIN UP TO 44% CRYSTALLINE SILICA:			
CRISTOBALITE	14464-46-1	< 40	.025mg/M_3 RESPIRABLE CRISTOBALITE, ACGIH
QUARTZ	14808-60-7	< 4	.025mg/M_3 RESPIRABLE QUARTZ, ACGIH

4. FIRST AID MEASURES

Inhalation: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE TO EVACUATE DUST.
Eyes: FLUSH EYES WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.
Skin Contact: NA **Skin Absorption:** NA **Ingestion:** NA

5. FIRE FIGHTING MEASURES

Flash Point (Method): NONFLAMMABLE
NFPA Flammable/Combustible Liquid Classification: NA
Flammable Limits: LEL: NA UEL: NA
Auto-Ignition Temperature: NA
Extinguishing Media: NA
Unusual Fire or Explosion Hazards: NONE
Special Fire-Fighting Procedure: NONE

6. ACCIDENTAL RELEASE MEASURES

Procedure for Spill/ Leak: VACUUM CLEAN DUST WITH EQUIPMENT FITTED WITH HEPA FILTER. USE A DUST SUPPRESSANT SUCH AS WATER IF SWEEPING IS NECESSARY.

7. HANDLING AND STORAGE

MINIMIZE DUST GENERATION AND ACCUMULATION. AVOID BREATHING DUST. AVOID CONTACT WITH EYES. SEAL BROKEN BAGS IMMEDIATELY. CONTINUE TO FOLLOW ALL SDS/ LABEL WARNING WHEN HANDLING EMPTY CONTAINERS.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

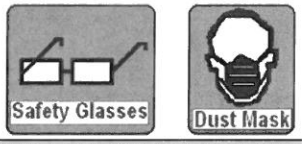
Goggles: GOGGLES OR SAFETY GLASSES WITH SIDESHIELDS ARE RECOMMENDED.

Gloves: NOT NORMALLY REQUIRED.

Respirator: <10X PEL, USE AN N95 QUARTER OR HALF MASK RESPIRATOR; <50X PEL, USE A FULL FACE RESPIRATOR EQUIPPED WITH N95 FILTERS; <200X PEL, USE A POWERED AIR PURIFYING RESPIRATOR (POSITIVE PRESSURE) WITH N95 FILTERS; >200X PEL, USE A FULL FACE, TYPE C SUPPLIED AIR RESPIRATOR (CONTINUOUS FLOW MODE).

Ventilation: USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO KEEP DUST LEVEL BELOW PEL.

Other: Special Considerations for Repair/Maintenance of Contaminated Equipment: INSURE PROPER RESPIRATORY PROTECTION.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: FINE WHITE POWDER, NO ODOR.

Boiling Point:	NA	**Evaporation Rate (=1):**	NA	**Specific Gravity (water = 1):**	2.3
Vapor Pressure:	NA	**Melting Point:**	ND	**% Volatile by Volume:**	NIL
Water Solubility (%):	NEGLIGIBLE	**Vapor Density (Air=1):**	NA	**pH:**	9.0-10.5

10. STABILITY AND REACTIVITY

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION CANNOT OCCUR

Chemical Incompatibilities: HYDROFLUORIC ACID **Conditions to Avoid:** NONE IN DESIGNED USE.

11. TOXICOLOGY INFORMATION

Summary: THIS PRODUCT CONTAINS CRYSTALLINE SILICA (CS), WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED CS AS CARCINOGENIC FOR HUMANS (GROUP 1). CS IS LISTED BY NTP AS A KNOWN HUMAN CARCINOGEN. CS IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE.

12. ECOLOGICAL INFORMATION

GENERALLY CONSIDERED CHEMICALLY INERT IN THE ENVIRONMENT. USED MATERIAL WHICH HAS BECOME CONTAMINATED MAY HAVE SIGNIFICANTLY DIFFERENT CHARACTERISTICS BASED ON THE CONTAMINANT AND SHOULD BE EVALUATED ACCORDINGLY

13. DISPOSAL CONSIDERATIONS

WASTE IS NOT HAZARDOUS AS DEFINED BY RCRA (40 CFR 261). OTHER STATE AND LOCAL REGULATIONS MAY VARY, CONSULT LOCAL AGENCIES AS NEEDED. USED MATERIAL WHICH HAS BECOME CONTAMINATED MAY HAVE SIGNIFICANTLY DIFFERENT CHARACTERISTICS BASED ON THE CONTAMINANTS AND SHOULD BE EVALUATED ACCORDINGLY.

14. TRANSPORTATION INFORMATION

D.O.T. Proper Shipping Name: EARTH, DIATOMACEOUS, CRUDE OR GROUND **Hazard Classification:** Not Classified

Reportable Quantities: NA **UN (United Nations), NA (North America) Number:** NA

15. REGULATORY INFORMATION

OSHA Hazard Communications Standard, 29 CFR 1910.1200: MATERIAL IS CONSIDERED HAZARDOUS, SEE SECTION 3.

RCRA: THIS MATERIAL IS NOT DEFINED AS HAZARDOUS WASTE PER 40 CFR 261.

TSCA: THIS MATERIAL IS LISTED IN THE TSCA INVENTORY, AND IS NOT OTHERWISE REGULATED BY TSCA SEC. 4, 5, 6, 7 OR 12.

CERCLA: MATERIAL IS NOT REPORTABLE UNDER CERCLA, LOCAL REQUIREMENTS MAY VARY.

SARA: 311/312 HAZARD CATEGORIES -IMMEDIATE AND DELAYED HEALTH, 313 REPORTABLE INGREDIENTS - NONE.

Canada: THIS PRODUCT IS LISTED ON THE DSL.

California Proposition 65: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

EU (REGULATION (EC) N° ° 1272/2008): THIS MATERIAL IS LABELED AND SUPPORTED ACCORDINGLY WITH GHS STANDARDS.

European Inventory of Existing Chemicals (EINECS): ALL OF THE COMPONENTS OF THIS PRODUCT ARE INCLUDED ON EINECS.

16. OTHER INFORMATION

Storage Segregation Hazard Classes: NA

Special Handling/Storage: REPAIR ALL BROKEN BAGS IMMEDIATELY.

Special Workplace Engineering Controls: ADEQUATE VENTILATION TO KEEP DUST LEVEL BELOW PEL.

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Revisions Made Since Last Version: Includes OSHA Haz Com 2012 compliance with North America GHS format.

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