



Section 1 - Chemical Product and Company Identification

Product Name Calcium Carbonate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5%
Product Code 37683
CAS No 471-34-1
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
471-34-1	Calcium carbonate	<=100	207-439-9

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Irritating to eyes.

Potential Health Effects

Eye: Causes eye irritation.
Skin: May cause skin irritation.
Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.
Expected to be a low ingestion hazard.
Inhalation: Low hazard for usual industrial handling.
Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion: Get medical aid. Wash mouth out with water.
Inhalation: Remove from exposure and move to fresh air immediately.
If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician:

Section 5 - Fire Fighting Measures



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General Information: Substance is noncombustible.
Extinguishing Media: Use extinguishing media most appropriate for the surrounding fire.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Control / Personal Protection



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Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits

CAS# 471-34-1:

United Kingdom, WEL - TWA: (calcium carbonate): 10 mg/m³ TWA (inhalable dust); 4 mg/m³ TWA (respirable dust)

United Kingdom, WEL - STEL: (calcium carbonate): 30 mg/m³ STEL (inhalable dust); 12 mg/m³ STEL (respirable dust)

United States OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction) (Calcium carbonate). Belgium - TWA: (calcium carbonate): 10 mg/m³ VLE France - VME: (calcium carbonate): 10

mg/m³ VME Germany: (calcium carbonate): 10 mg/m³ VME

Japan: (calcium carbonate): 1 mg/m³ OEL (respirable dust); 4 mg/m³ OEL (total dust)

Malaysia: (calcium carbonate): 10 mg/m³ TWA (particulate matter containing no asbestos and <1% crystalline sili

Netherlands: 10 mg/m³ MAC Spain: 10

mg/m³ VLA-ED

Personal Protective Equipment

Eyes:

Wear chemical splash goggles.

Skin:

Wear appropriate gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR

1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved

respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties



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Physical State: Amorphous Powder

Color: white

Molecular Formula: CCaO_3

Molecular Weight: 100.09

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures. Conditions to Avoid: Incompatible materials, moisture. Incompatibilities with Other Materials : Strong oxidizing agents, acids, aluminum, fluorine, magnesium.

Hazardous Decomposition

Products : Carbon monoxide, carbon dioxide, calcium oxide.

Hazardous Polymerization : Will not occur.

Section 11 - Toxicological Information

RTECS#: CAS# 471-34-1: FF9335000

LD50/LC50: RTECS: CAS# 471-34-1:

Draize test, rabbit, eye: 750 ug/24H Severe; Draize test, rabbit, skin: 500 mg/24H Moderate; Oral, rat: LD50 = 6450 mg/kg;

Carcinogenicity: Calcium carbonate, heavy powder - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: The toxicological properties have not been fully investigated.

See actual entry in RTECS for complete information. Mutagenicity: Ames-test: negative

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

Shipping Name: IATA IMO RID/ADR
Not Regulated for Transport (Non-Haz)

Hazard Class:

UN Number:

Packing Group:

Section 15 - Regulatory Information



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European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases: R 36 Irritating to eyes.

Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 39 Wear eye/face protection.

WGK (Water Danger/Protection) CAS# 471-34-1: 0

Canada CAS# 471-34-1 is listed on Canada's DSL List

US Federal

TSCA CAS# 471-34-1 is listed on the TSCA Inventory.

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.