

SAFETY DATA SHEET
Durham Nuodex Calcium 10

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Durham Nuodex Calcium 10
Product No. CALA10

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Additive for paint.

1.3. Details of the supplier of the safety data sheet

Supplier Rockwood Pigments
Mary Avenue
Birtley
Chester-le-Street
County Durham
Tel. : +44 (0)191 410 2361
Fax : +44 (0)191 410 6005
DurhamProductSafety@rpigments.com

1.4. Emergency telephone number

+44 (0)191 410 2361 24-7 Response: +44 (0)207 858 0111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R65. Xi;R36. R66.

2.2. Label elements

Contains CALCIUM CARBONATE
DE-AROMATISED KEROSENE

Labelling



Harmful

Risk Phrases

R36 Irritating to eyes.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

Safety Phrases

S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S60 This material and its container must be disposed of as hazardous waste.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Durham Nuodex Calcium 10

3.2. Mixtures

CALCIUM CARBONATE			10-30%
CAS-No.: 471-34-1	EC No.: 207-439-9	Registration Number: 01-2119486795-18-0134	
Classification (EC 1272/2008) Not classified.		Classification (67/548/EEC) Not classified.	
CALCIUM DIPROPIONATE			< 10%
CAS-No.: 4075-81-4	EC No.: 223-795-8	Registration Number: 01-2119978298-17-0000	
Classification (EC 1272/2008) Eye Dam. 1 - H318		Classification (67/548/EEC) Xi;R41.	
CALCIUM ISONONANOATE			10-30%
CAS-No.: 53988-05-9	EC No.: 258-901-1	Registration Number: 01-2119978299-15-0000	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Irrit. 2 - H319		Classification (67/548/EEC) Xn;R22. Xi;R36.	
DE-AROMATISED KEROSENE			50-70%
CAS-No.: 64742-48-9	EC No.: 918-481-9	Registration Number: 01-2119457273-39	
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304		Classification (67/548/EEC) Xn;R65. R66.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

The product contains organic solvents.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Inhalation

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Drink plenty of water.

Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

Durham Nuodex Calcium 10

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Extinguishing media

Use: Water spray, fog or mist. Foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Solvent vapours may form explosive mixtures with air. Fire causes formation of toxic gases.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid water in straight hose stream; will scatter and spread fire. Cool containers exposed to flames with water until well after the fire is out.

Keep run-off water out of sewers and water sources. Dike for water control.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Wear protective gloves and, in case of splashes, goggles/face shield too. Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Avoid contaminating public drains or water supply.

6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Chemical storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CALCIUM CARBONATE		-	-	-	-	
DE-AROMATISED KEROSENE		-	1000 mg/m3	-	-	

Ingredient Comments

WEL = Workplace Exposure Limits

UK Guidance Note EH40 - Workplace Exposure Limits.

Durham Nuodex Calcium 10

CALCIUM CARBONATE (CAS: 471-34-1)

Ingredient Comments

NUI = Nuisance Dust.

The UK HSE guidance note EH40, recommends adequate control of exposure to dusts and where there is no indication of the need for a lower value, personal exposure should be kept below:-

8h TWA 10 mg/m³ total inhalable dust.

8h TWA 4 mg/m³ respirable dust

8.2. Exposure controls**Protective equipment****Engineering measures**

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

Chemical resistant gloves required for prolonged or repeated contact.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Change work clothing daily before leaving work place.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Straw.
Odour	Kerosene.
Solubility	Insoluble in water
Relative density	0.99 @ 20 °c
Viscosity	50 max. (Brookfield) mPas @ 25 °c
Flash point (°C)	> 61°C Sh CC (Setaflash closed cup).

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid contact with: Strong oxidising agents.

10.5. Incompatible materials**Materials To Avoid**

Strong oxidising substances.

Durham Nuodex Calcium 10

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of: Calcium.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ingestion

Nausea, vomiting and abdominal pain.

Eye contact

May cause irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product has poor water-solubility.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Contact specialist disposal companies. Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

Road Transport Notes Not Classified

Rail Transport Notes Not classified.

Sea Transport Notes Not classified.

Air Transport Notes Not classified.

14.1. UN number

Not applicable.

UN No. (ADR/RID/ADN) 0

Durham Nuodex Calcium 10

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations 1996.

Guidance Notes

UK HSE guidance note EH40, Workplace Exposure Limits.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Water hazard classification

WGK 1

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

New Emergency Response provider

Revision 06/07-2015

SDS No. CALA10

Date 07 July 2014

Signature 2 Rockwood Pigments

Risk Phrases In Full

R22 Harmful if swallowed.

R65 Harmful: may cause lung damage if swallowed.

R36 Irritating to eyes.

NC Not classified.

R66 Repeated exposure may cause skin dryness or cracking.

R41 Risk of serious damage to eyes.

Durham Nuodex Calcium 10

Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.