



Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name	CHROMIS 645 A-Azide
Product Number	F2H214Z
Synonyms	----
Manufacturer Identification	Cyanagen srl, Via Stradelli Guelfi 40/c, I-40138. Bologna, Italy
For information call	+39 051534063
Emergency Number	+39 02 66101029 (Centro Antiveleni Niguarda Ca' Granda - Milano)

Section 2 - Hazards Identification

Hazard Classification	This product is classified as non-hazardous according to EU Directive 67/548/CE
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Section 3 - Composition, Information on Ingredients

Substance/Preparation : Substance

Name	CAS No.	%	EC Number	S-Symbol	R-Phrases
CHROMIS 645 A-Azide	N/A	>95%	---	none	none

Section 4 - First Aid Measures

First-Aid Measures	
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin	Wash with soap and water. Get medical attention if irritation develops.
Eyes	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Notes to Physician	Not Available
Protection of first-aiders	Not Available

Section 5 – Fire Fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear
Flammability of the Product	May be combustible at high temperature
Flash Point	Not Available
Fire Hazards in presence of various substances	Non-flammable in the presence of shocks, of oxidizing materials, of reducing materials, of combustible materials, of organic materials, of metals, of acids, of alkalis.
Fire Fighting Media And Instructions	SMALL FIRE: use DRY chemical powder LARGE FIRE. Use water spray, fog or foam.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.
Special remarks on Fire Hazards	Produces toxic fumes in case of fire
Hazardous thermal (de)composition products:	Decomposition products include: carbon oxides; nitrogen oxides; sulphur oxides; hydrogen chloride (HCl)

Section 6 - Accidental Release Measures

Personal Precautions	Safety glasses. Lab coat
Clean-up Methods	Mop up product, put it in a bag and store until disposal. Avoid spreading dust. After complete recovery of the product, wash the contaminated area.

Section 7 - Handling and Storage

Handling	Avoid breathing vapours or spray mists.
Storage	Keep under argon at -20 °C; photosensitive!
Intended Use	Refer to the Instructions for proper and intended use. Otherwise, contact supplier for specific applications.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low
Exposure Limits for the Product	Not Available
Personal Protective Equipment	
Eye	Wear chemical splash goggles
Skin	Wear appropriate protective gloves to prevent skin exposure

Clothing	Wear appropriate protective clothing to minimize contact with skin
Respirator	Respirator is not needed under normal and intended conditions of use, if exposures are kept below established limits

Section 9 - Physical and Chemical Properties

Physical State	Solid
Colour	Blue powder
Odour	Without odour
pH (1% solution/water)	Not Available
Specific Gravity	Not Available
Molecular Formula	C ₃₀ H ₃₄ KN ₅ O ₆ S ₂
Formula Weight	663.85
Boiling Point	Not Available
Vapour Pressure	Not Available
Vapour Density	Not Available
Evaporation Rate	Not Available
Freezing/Melting point	Not Available
Autoignition Temperature	Not Available
Flash Point	Not Available
Explosion Limits Lower	Not Available
Explosion Limits Upper	Not Available
Decomposition Temperature	Not Available
Solubility	Soluble in water, methanol, DMF, DMSO, acetonitrile

Section 10 -Stability and Reactivity

Chemical Stability	Stable under normal temperatures and pressures
Conditions to Avoid	Not available
Incompatibilities with other materials	Not available
Hazardous Decomposition products:	Not available
Hazardous Polymerization	Will not occur

Section 11 - Toxicological Information

Exposure Signs/Symptoms	To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated
TYPE OF EXPOSURE	
Skin Contact	The product can cause skin irritation
Skin Absorption	The product can be hazardous if absorbed through the skin

Eye Contact	The product can cause eye irritation
Inhalation	The product can be hazardous if inhaled
Ingestion	The product can be hazardous if ingested

Section 12 – Ecological Information

Waste Information	Not Available
Mobility	Not Available
Persistence/degradability	Not Available
Bioaccumulative potential	Not Available
Ecotoxicity	Not Available

Section 13 – Disposal Considerations

Waste Information	Waste must be disposed of in accordance with European, state and local regulations
Waste Stream	Not Available

Section 14 - Transport Information

	IATA	IMDG	RID/ADR
Hazard Class:	Non-hazardous for air transport	Non-hazardous for sea transport	Non-hazardous for transport by rail and road

Section 15 - Regulatory Information

European/International Regulations	This product is classified as non-hazardous according to EU Directive 67/548/CE
EINECS	Not Available
Safety Phrases	Not Available

Section 16 - Other Information

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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.