

FECT

FAR-EAST CHEMICAL TRADING CO., LTD.

PROPALACE-AZUCHIMACHI-BUILDING,
4TH FL.-C,1-6-19,AZUCHIMACHI, CHUO-KU,
OSAKA, 541-0052, JAPAN

TEL : ++81-6-6262-2764
FAX : ++81-6-6262-2765
E-MAIL : trade@fect.co.jp

Technical Data Sheet

Basic information

Chemical name	Carbohydrazide	Formula	CH6N4O
Synonyms	1,3-Diaminomocovina	Chemical structure	
CAS.No.	497-18-7		
EINECS No.	207-837-2		
Molecular weight	90.08		

Physical properties

Appearance	White needle crystal
Density,20°C,g/cm3	1.02
Melting point,°C	150-158
Storage temperature,°C	0-6
Merck	14,1804
Solubility	Soluble in water

Specification

Items

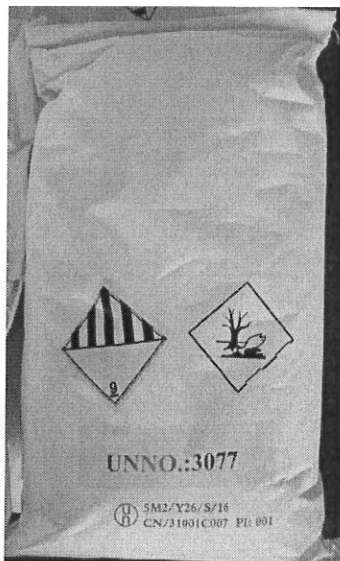
Appearance	White needle crystal
Melting point,°C	150-158
Content, %	98-102
pH(12% water solution)	7.2-9.7
Free hydrazine, ppm	≤ 500
Sulfate, ppm	≤ 20
Clarity	Clear
Loss on drying	≤ 0.2%

Application

Oxygen scrubber	Carbohydrazide is used to remove oxygen in boiler systems. Oxygen scrubbers prevent corrosion.
Precursor to polymers	carbohydrazide can be used as a curing agent for epoxide-type resins
Photography	Carbohydrazide is used in the silver halide diffusion process as one of the toners. Carbohydrazide is used to stabilize color developers that produce images of the azo-methine and azine classes.
Carbohydrazide has been used to develop ammunition propellants, stabilize soaps, and used a reagent in organic synthesis	

Package

25 kg/bag, 15 mt per 20'ft



Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

Issue Date: 5th 12,2017