



SDFCL
s d fine-CHEM LIMITED

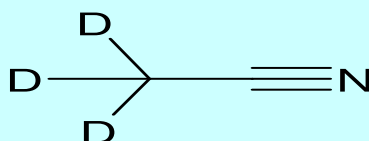
Quality Control Dept.



Qua

Product Specification

E Control	QC2\DATAD\ID\PS24074XPS.xls
PRODUCT CODE	24074
PRODUCT NAME	ACETONITRILE-d3 99.8% (FOR NMR SPECTROSCOPY)
SYNONYMS	(Methyl-d3 cyanide), (Trideuteroacetonitrile)
C.I. NO.	--
CASR NO.	(2206-26-0)
ATOMIC OR MOLECULAR FORMULA	C ₂ D ₃ N
ATOMIC OR MOLECULAR WEIGHT	44.07
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	Clear, colourless liquid.
Deuteration degree	Min. 99.8%
¹ H NMR for Chemical purity	Passes test
Water (KF) (H ₂ O+D ₂ O)	Max. 0.1%
MAXIMUM LIMIT OF IMPURITIES	
¹ H NMR for protic water content	0.02%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : Highly flammable liquid and vapour. Causes eye irritation.

Precautionary statements

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IMDG Code : 3/II

UN No. : 1648

IATA : 3

Disposal: -----

Hazard Pictogram(s) :



Flammable liquids

Prepared By :	Checked By:	Approved By:	Issue Date : 18.07.2007
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
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Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

