



SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification	
E Control	QC2\DATAD\DA\PS\24024XPS.xls
PRODUCT CODE	24024
PRODUCT NAME	ACETONE-d6 99.9% (FOR NMR SPECTROSCOPY)
SYNONYMS	(Hexadeuteroacetone)
C.I. NO.	--
CASR NO.	(666-52-4)
ATOMIC OR MOLECULAR FORMULA	C ₃ D ₆ O
ATOMIC OR MOLECULAR WEIGHT	64.12
PROPERTIES	Hygroscopic.
PARAMETER	LIMIT
Description	Clear, colourless liquid.
Deuteration degree	Min. 99.9%
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 : May cause respiratory irritation. Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes mild skin 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/ attention. Disposal: Dispose of contents and container in accordance with relevant legislation.	
IMDG Code : 3/II UN No. : 1090 IATA : 3	
Hazard Pictogram(s) :	
 Skin irritation	
 Flammable liquids	
 Aspiration hazard	
Prepared By :	Checked By:
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)
Sign. :	Sign. :
Date : 01.04.2010	Date : 01.04.2010
Approved By:	Name/Dept. : Incharge (Tech.)
Sign. :	Sign. :
Date : 02.04.2010	Date : 02.04.2010
Issue Date : 18.07.2007	Revision No. : 01
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