



SDFCL
s d fine-chem limited



Product Specification

E Control	QC2\DATAD\D:\PS\38011XPS.xls
PRODUCT CODE	38011
PRODUCT NAME	DIACETYL LR (for Synthesis)
SYNONYMS	2,3-Butanedione, Biacetyl
C.I. NO.	N/A
CASR NO.	431-03-8
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₆ O ₂
ATOMIC OR MOLECULAR WEIGHT	86.09
PROPERTIES	



PARAMETER	LIMIT
Description	Clear yellow liquid.
Solubility	10% Solution in water is clear.
Minimum assay(By GC)	97.0%
Refractive Index(n) _D ²⁰	Abt. 1.395
Wt. per ml at 20 °C	0.984 - 0.987 g

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation.

PRECAUTIONARY STATEMENTS

Prevention : Use only non-sparking tools. Take precautionary measures against static discharge Ground/bond container and receiving equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use explosion-proof electrical/ventilating/lighting/equipment
Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

Response : Specific treatment: refer to Label or MSDS. If skin irritation occurs, seek medical advice/attention. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction.

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scubber.

IMDG Code : 3/II
UN No. : 2346
IATA : 3

Hazard(s) :



Skin irritation



Flammable liquids



Skin irritation



Flammable liquids

Prepared By : VINOD PATEL Name/Dept. : Officer (Q.A.) Sign. : Date : 17/07/2010	Checked By: RAJU VYAS Name/Dept.:Incharge(Q.A.) Sign. : Date : 17/07/2010	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. : Date : 19/07/2010	Issue Date : 01/07/2002 Revision No.: 02 Revision dt. : 19/07/2010 AMEND NO. : P062
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