



6-NHC BGŠ; H97 < B 7 5=585H@5D  
5FA CF 5@f', J9; H-GNH@H' ?9B8

5n f97 ěBc % \$+&\$ \$\* gnUV 1/2 nbU\_ a Y[ Z'Y' Yb

1 5N'5BM5; #9J 9F ¥? ŽH9FA ¥? ¥G'5'; M\$F H' # CF; 5@A 5N' 5NCBCG@ŠG5'

HYfa Ā\_bjY Y..... 5FA CF 5@f', J9; H-GNH@H' ?9B8

HYfa Ā\_Bc"..... +025, 37015Z' +\$\$%

: Y\Ugnb 1/2/g..... , j Y[ ěgněĭĭ

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G0ĭ ěgĀ[ ] ěY'Yz: bgn 1/2 ..... Z' \* ; \$ &\$ %6- \$  
&( ĭ fU

2 'J 9GN¥@V9? 'A 9; < 5HŠ F C NŠ G5

? 0ĭbmYnYěY Āg Ya VYf]Y[ ĀgnĀ[ fYz'Y Yb Y[ ] fYbXY YěY\_bY\_ a Y[ Z'Y' YbzbYa j YgnĀ nYg VYgcf: YgÖ'

CLASSIFICATION (1999/45) NYa 'cgně 1/2 ěncěĭĭ

3 '2 GGN9H¥H9@# GGN9H9J ?F 9'J CB5H?CN' 585HC?

NY] e	EC No.	CAS-No.	HUfh%	Classification (67/548/EEC)
3-BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	1-5%	Xi;R36/38
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67

5n F! a cbXUě\_ Āg Uj YgnĀ nYgĀ[ ] a Y[ \UH ěcn/gc\_ ěY'YgĀ[ Y'U%' "dcběUub"

4 '9@G G9; ¥@MBMĭ >HŠ G

6YĀ[ nĀg'

J][ mY'U VYěY[ YhZ]gg'Y] Y[ fY"

@ĭbmY'Āg

5 ěYfa Ā\_ Zh] ěYfa ĀgnYě' a ]Uě]nYb Yĭ dcnĀYě' U' bYa j Uĭ gněb "5ncbVUbz\U'U'ěYfa Ā\_Yha Ā[ ]g'YbmY] zUncbbU' z: fXi 'ěb'cfj cg\cn'

6 f'\_cbĭU\_h

<cggUubUěĭ ĭ'\_cbĭU\_hU'UV f\_]d]fcgcX]g]ěĀg]ěěĭĭĭĭ ěc\_cn\UH'5'V fZ'ØYěYhU'UdcgU'ÖVěgY'Y'V j ěěnY"

GnYa ĭ'\_cbĭU\_h

ěěĭĭ\U'U'gnYa Yě'6]ncbncgcX'ěb' a Y[ z'c[ mY'ěz'c'ěěĭĭU'U'\_cbĭU\_h'YbVgĀ\_YhÖVěĀgY' ěě'5ncbbU' a cggU\_]U'gnYa YhV j ěěnY'za ]\_ÖnVYbU  
gnYa \Ā'Uěbnĭ]j U'U'ěěĭĭ": c'ntUggU'Un'ÖV'ěĀg]Y[ U'1/2V%' d'YfV[ ]": cfXi 'ěb'cfj cg\cnz\U'X]gn\_ca z: fěĀfnĀg z: ntUěĭ X]"

5 'H NJ ¥89@A =BĤN? 98¥G9?

C'ĭĭ UbnU[ c\_

5'\_Ua Unncb. j ěě'gpray!h ]\_OXĈj U[ md]ěĭĭĭ Al\_ohol renisntYng \UVch GnĀb!dioxidch(CO2).

GdYV]ěg] YgnĀ nY\_

5'h n'gcf'ĭb'\_Y'Yh\_Yn]\_ GnĀb! a cbcl ]X'f7 C'ě' GnĀb!X]cl ]X'f7 C &ě'

J ĀXY' a ]]ĭĀn\_YXĀgY'\_h n'YgYěĀb

Ā[ n\_ ĀgnØĀ\_zĀg'ěY'Yg] ĀX fĭ \ěnUh\Ugnb 1/2 Uĭ'\_ĈY'Yn "

6 'BĤN? 98¥G9? 'J ¥@9H@9B '9LDCN@ = BŠ@

**5FACF'5@f', J9; HGNH@' ?9B8**

GnYa Ānĵĵ j ĵbĀn\_YXĀgY\_

J jgY'Yb'U, "dcbhVUb"YĕfU\_gnYfĵbhj ĀX fi \ 1/2nUrcH

HVĕYĵĵY\UHĕc'ĵg Āg'gnYbbnYnĀg'a YbYgĕĀg'a Ī XgnYfYĵUbntU[ U]

J Y[ nY Z'Z'Āg\Ugnb1/2Uĵcĵ 1/2VZ\U'bYa 'gnYbbnYn XĀĥĥ"<U'gnYbbnYn XĀĥĥ\ 1/2nUfĵĵg\i "UXĀ\_[ m ĥ VY'XcV'U\_]"

**7 '?9N9@%G'¥G'H\$F C@S G**

5 Vnrcbg1/2 cg\_YnYĀgY'fĵbnt'Īĵ j ĵbĀn\_YXĀgY\_

C j UggU'Y'Āg\_Āg YggY'U[ m'ĵĵĵ Āra i hVĵĵĵĵ' GnYa Ānĵĵĵĵĵĵ\_cXĵgfUB9A \Ugnb1/2UHĪ " ? YnY'ĀgY i Hĵ'a cggcb\_YnYĪĪ

**8 '9LDCN@ = '9@@9B FN¥G9#9; M#B =J ¥89@9A**

NYj e	STD	TWA - 8 Hrs		STEL - 15 Min		AY[ Y[ nmĀg
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = A i b\_UVY'nĵ9I dcnĕVĵĵ g'<UHĀfĀ\_.

?Ānĵ ĀXY'a Y

<cggUbbUfĵĵĵ j U[ mĵga ĀĪ'hV' f'\_cbĵU\_hYgYĪĀb\Ugnb1/2ĕb'a Y[ Z'Y' j ĀX \_YgnĪm ĪĪ

<ĪĪ ĀbĵĵY' f'ĵg\_

5ncbbU'a cgU\_cXĕb'Y'U'UdcgUbb'gnUddUbcgĵ ĕĵnY'Z\U'UV f'gnYbbnYn XĪ\_"

**9 : ĀĪ? 5=¥G? ¥A =5=HI @5>8CBGŠ; C?**

AY[ Y'YbĀg.....?YbX .

=Uh.....>Y'Y[ nYĪYg

C\XUHĵ g1/2 .....J ĕnVYb'bYa 'c\XUHĪ

FYUHĵĵ g f gĀ[ .....\$.975 - 1.015

d<Ī¥fĀ\_ZC\XUH\_cbVW....."0 - 11.0

**10 'GH56@+H\$G'¥G'F 95?7 = ?¥GNG¥;**

GĪUĵĵĵĵĵ

HUĵ'bcfa 1/2 \ a ĀfgĀ\_YĪYb'Āg'\_cbXĕVĵĵ '\_ĀnĀĥĵUn'U'1/2'cĵhZ'\Ugnb1/2ĵg'a Y'YĪĪ

**11 'HCL =C@ ; =5=B: CFA \$7 = ?**

6YĀ[ nĀg

<cggUbbUfĵĵĵ j U[ mĵga ĀĪ'hVY'Ā[ nĀgY'c\_cn\Uh'¥a Y'nĵ ĀgĵgnĀXĀĀgĵĵdYnorient'1/2ĵĵ h

@YbnY'Āg

@YbnY'ĀgY'YgYĪĀb'Xĵgn\_ca ZcĵĪĀfĪnĀgĵhc\_cn\UHĪ

6 f'\_cbĵU\_h

ĕga ĀĪ'hYĪ dcnĕVĵĵ 'U'V fgn1/2Ung1/2ĵ chj U[ mĪUbbU\_'ĪfYdYXnĀgĀĵhc\_cn\UHĪ"

GnYa '\_cbĵU\_h

<cggUbbUfĵĵĵ 'gnYa '\_cbĵU\_hgcf1/2ĵĵĵĵĵĵ hĀg'\_ĀbnnYnĀgĵhc\_cn\UHĪ

**12 '? C@ ; =5=B: CFA \$7 = ?**

2 \_cĵcl ĪĪĵĵĵ

?ĀbnnYnYĪfY'bYa j YgnĀnYg'VYgcf'ĵgĀ'

YVca 'ĵĵ'\_ĀgnĀĀ[

5'\_ĀgnĀĀ ĀbnnYb'Yj '\UHĪ UbntU[c\_a Y[ Z'Y'bY'\_Un'f97ĕBc\*\* (, #&\$\$( 'GnUV1/2nVUb'YZY'ĪYĪĵhVĵc'Ī [ ĪU]'YVca 'ĵĵ'\_ĪĪĪĪ a c\_bU\_"

nY' ĕĵĵĵĵĵ Āg'UXUHĵU'HUĵ' 1/2Ua c\_'ca dYĪĪbg\UHĪ g1/2 UĵfĀgnĀfY'Y'ĀfYh Y\_Z'\_ĀfĀgĀ\_fY'U[ m'ĵĵĵĵĵĵ 'Yĵj Y'U\UHĪ UbntU[ ' m'ĵĵĵĵĵĵ 'U'fYbXY'\_YnĀgĀ\_fY'VcVĵĵĵĵĵ

**13 Š F H5@A 5H@5B @H\$G=GN9A DCBHC?**

<Ī 'UXĀ'\_YnY'Āg'a Ī XĪĵĵ

A UfUXj 1/2nUĵĵU\_j U[ mZ'YgY[ ĀbY'\_ĪĪ 'UXĀ'\_YnY'ĀgY'U'Y'nĵĵgnYfĵ Y\_'ĪĪĪĪXĵĵĵU\_a Y[ Z'Y' Yb"

**14 GNŠ @@H\$GF 5'J CB5H?CN' -B: CFA \$7 = ?**

AFACF '5@f', J 9; HGNH? 9B8

5 ħYfa Ā\_U' bYa nYh\_Ĉñĭ gn1/2 ħ1/2 ħñUV1/2 ħncn1/2 ħñY'a ĀVYb' bYa 'gcf'c' UbXĭ j YgnĀ nYg' ħYfa Ā\_Y\_'\_ĈñĀ fĤA 8; ž-5H5ž ADR/RID).

15 GN56š @MCNš GG5@? 5D7GC @5HCG 'B: CFA š 7 = ?

F la cbXUrc\_

NC

BYa 'cgnĤ' ħncnĤĤ'

Gla cbXUrc\_

S2

; nYfa Y\_Y\_'\_YnĀVY' bYa 'Yf0\YĤ'

9I 'F YbXY'YĤ\_

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

H0ĭ Ābnĭĭ GnUV1/2 ħnc\_

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

H1/Ā\_cñUĤĤ 'a Y[ 'Y[ nYnĀgY\_

A i b\_U\Y'nĭ 9I dcnĤYĭ g< UĤ1/ĀĤĤ '9< ( \$"

16 '9; M#6 'B: CFA š 7 = ?

F Yj ħñĭ 'ca a YbĤY\_

5 [ nYĤĭ 'bYj ĀVYb' Āg' UXUHUVub' ĤĤĤĤ ħñĭ ħncn1/2 ħnc\_ 'a ]UĤĤ'

F Yj ħñĭ '8 1/2 a U .....1%2010

REV. NO./REPL. SDS 5 / 08-2010

GENERATED

F la cbXUrc\_ Ĥ'Yg' ħñĤĤ

R11

BU[ ncb' [ n0Ā\_cbm

R36/38

Irrit1/2 U' gnYa YhĀg' U'V fh

R36

Irrit1/2 U' gnYa Yh

.....R67

D1/ĤĤ' 1/2a cgg1/4 ħĤĀg gnĀX0 Āgħic\_cñ\Uh

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