

! " # \$

0 " / ay \$e i5nited \$y -eat. s ,ar3s or flames§ / ay \$e fatal if s+allo+ed and enters air+ays§ 4armful if  
in-aled§ / ay cause dama5e to or5ans t-rou5- ,rolon5ed or re ,eated e#, osure§ Sus ,ected of  
causin5 cancer§ <auses s3in irritation§ Dan5erous for t-e en:ironment if disc-ar5ed into  
+atercourses§

\*%\*% 6 + +

6 + \$ ' \$ + 1 2 % \*3\* \*445

Fuels. diesel

0 ! \$



\$ + 7

0

4 6  
48!4

Dan5er

Flamma\$le li=uid and :a,our§





"\$ O\$ser:e any medical surveillance requirements. Ensure using do not smoke! Always use good personal hygiene measures, such as handwashing after handling food material and before eating. Drinking and/or smoking. Routinely wash or rinse clothes and, protect eyes and mouth to remove contaminants.

) + ! Omissions from ventilation or process equipment should be considered to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptability elsewhere.

A & " + ! !  
All % ! " + ! !

" Direct contact +it- eyes may cause tem , orary irritation\$  
\$ Dro,lets of t-e ,roduct as ,irated into t-e lun5s t-rou5- in5estion or :omitin5 may cause a serious  
" ! c-emical ,neumonia\$  
" As ,iration may cause ,ulmonary oedema and ,neumonitis\$ S3in irritation\$ / ay cause redness  
% % and ,ain\$ 7aundice\$  
" + \$ +  
" / ay \$e fatal if s+allo+ed and enters air+ays\$ 4armful if in-aled\$ 4ydro5en sul , -ide. a -i5-ly to#ic  
5as. may \$e ,resent\$ Si5ns and sym,toms of o:ere#, osure to -ydro5en sul , -ide include  
res ,iratory and eye irritation. diBBiness. nausea. cou5-in5. a sensation of dryness and ,ain in t-e  
nose. and loss of consciousness\$ Odour does not ,ro:ide a relia\$le indicator of t-e ,resence of  
-aBardous le:els in t-e atmos , -ere\$

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Oil spills are generally hazardous to the environment. The product contains volatile organic compounds, which can cause bone creation, potential



6 - e , roduct is classified and la\$elled in accordance +it- Re5ulation (0<) % ' ? !!& (<\*P Re5ulation) as amendedP 1ed i8afety Data S-eet com ,lies +it- t-e re=uirements of Re5ulation (0<) No %9! ' ? !!6. as amendedP Directi:e !% ?%&?0 ) on malor accident -aBards in:ol:in5 dan5erous su\$stances\ Part (Named

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%0 S1 / anufacture of su\$stance (0R<%. PRO<% . PRO<8. PRO<4. PRO<&a. PRO<&\$. PRO<%()	%%
'0 S1 Formulation Q (re) , ac3in5 of su\$stances and mi#tures (S) %!. 0R< . PRO<% . PRO<8. PRO<4.	%4
PRO<(. PRO<&a. PRO<&\$. PRO<9. PRO<%4. PRO<%()	
80 S1 ) se as an intermediate (S) & S ) 9. 0R<6a. PRO<% . PRO<8. PRO<4. PRO<&a. PRO<&\$. PRO<%()	% '
40 S1 Distri\$ution of su\$stance (0R<(. 0R<4. 0R<6a. 0R<6\$. 0R<6c. 0R<6d. 0R<' . PRO<% . PRO< . PRO<8.	!
PRO<4. PRO<&a. PRO<&\$. PRO<9. PRO<%()	
(0 S1 ) se in Oil and Gas field drillin5 and , roduction o , erations (S ) 8. 0R<4. PRO<% . PRO< . PRO<8. PRO<4.	8
PRO<&a. PRO<&)	
60 S1 ) se as a fuel. "ndustrial (S ) 8. 0R<' . PRO<% . PRO< . PRO<8. PRO<&a. PRO<&\$. PRO<%6)	6
'90 S1 Functional Fluids. "ndustrial (S ) 8. 0R<' . PRO<% . PRO< . PRO<8. PRO<4. PRO<&a. PRO<&\$. PRO<9)	9
&0 S1 ) se as a fuel. Professional (S ) . 0R<9\$. 0R<9a. PRO<% . PRO< . PRO<8. PRO<&a. PRO<&\$. PRO<%6)	8
99 S1 ) se as a fuel (S ) %. 0R<9\$. 0R<9a. P<%8)	8(



\$ %!!!! m8?day  
)  
949( \$2  
+ \$ Do not a , , ly industrial slud5e to natural soils! Slud5e s-ould \$e incinerated. contained or  
= reclaimed!  
' # / a#imum allo+a\$le site tonna5e ( / Safe) \$ased on release follo+in5 total +aste+ater treatment  
+ " ) + 949( \$2  
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+ + 7  
+ 7  
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S ) & / anufacture of \$ul3. lar5e scale c-emicals (includin5 , etroleum , roducts)  
S ) 90 / anufacture of fine c-emicals

0 ! + 7 \$ " !+ 1 - 2  
"! Onsite Se+a5e 6reatment Plant  
\$ !!! m0?day  
) 949( \$2  
+ \$ Do not a,, ly industrial slud5e to natural soils! Slud5e s-ould \$e incinerated. contained or  
= reclaimed!  
' # / a#imum allo+a\$le site tonna5e ( / Safe) \$ased on release follo+in5 total +aste+ater treatment  
remo:al (94e4 35?d  
+ 7 " ) +  
7 7

12 Tf Tf 2 ' : : 192 =  
9 ( S2  
+ + ( 5? )' /R8 9 T6 -0.719 9 -60233.919 9 !& 9 f 12+ 12 T - 2  
93Pa at Snc-dard 6em, nciure nd TdPressurelant

A:oid direct s3in contact +it- , roduct9 "dentify , otential areas for indirect s3in contact9 E ear 5lo:es (tested to 0N8'4) if -and contact +it- su\$stance li3ely9 <lean u , contamination's, ill as soon as t-ey occur9 E as- off any s3in contamination immediately9 Pro:ide \$asic em , loyee trainin5 to , re:ent ? minimise e# , osures and to re , ort any s3in , ro\$lems t-at may de:elo ,9

General e#, osures (o , en systems)9 E ear suita\$le 5lo:es tested to 0N8'49

Gul3 closed loadin5 and unloadin59 E ear suita\$le 5lo:es tested to 0N8'49

Gul3 o , en loadin5 and unloadin59 E ear suita\$le 5lo:es tested to 0N8'49

0=ui , ment cleanin5 and maintenance9 E ear c-emically resistant 5lo:es (tested to 0N8'4) in com\$ination +it- !\$asic\ em , loyee trainin59



Not a , , lica\$le9

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\$ 0 + ;  
! ) + ! ;  
! <ontrol any potential exposure using measures such as contained systems. , rapidly designed

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1 2 , fFmoFNnF§ "ndustrial uses



General measures (skin irritants) Avoid direct skin contact + it-, , roducts "identify , otential areas for indirect skin contact. Ear 5loces (tested to DIN8 '4) if -and contact + it- substance likely. <lean up, contamination? s, ills as soon as they occur. Ease off any skin contamination

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% , ; +  
6 !  
1 2 , S ) 80 "ndustrial uses  
\$ OR<'0 ) se of functional fluid at industrial site  
) + \$ .  
6 \$ PRO<%0 <-emical , roduction or refinery in closed , rocess +it-out li3eli-ood of e#, osure or  
, rocesses +it- e=ui:alent containment conditions  
7 # PRO< 0 <-emical , roduction or refinery in closed continuous , rocess +it- occasional controlled  
e#, osure or , rocesses +it- e=ui:alent containment conditions  
PRO<80 / anufacture or formulation in t-e c-emical industry in closed \$atc- , rocesses +it-  
occasional controlled e#, osure or , rocesses +it- e=ui:alent containment condition  
PRO<&0 6transfer of su\$stance or mi#ture (c-ar5in5?disc-ar5in5) at non dedicated-facilities  
PRO<&\$0 6transfer of su\$stance or mi#ture (c-ar5in5?disc-ar5in5) at dedicated facilitiesPRO<%60 ) se of  
PR ; <G0 Predom?di oftly -ydro, -o\$ic of fue+





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1 2 , S ) 80 "ndustrial uses  
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) 949( §2

+ \$ Do not allow industrial sludge to natural soils! Sludge should be incinerated, contained or  
= reclaimed!

' # / a#imum allo+able site tonnage + Safe disposal fields (Rolloable trailer+aste+rator treatment

R10





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On:ironment

Guidance is \$ased on assumed o , eratin5 conditions +-ic- may not \$e a , , lica\$le to all sites& t-us. scalin5 may \$e necessary