## ATIEL/ATC Use Group B (ind) - Generic Exposure Scenario based on Bound

Section 1	Exposure Scenario Title
Title	General use of lubricants and greases in vehicles or
	machinery [ATU01] - Industrial [G26]
Use Descriptor	Sector of Use: Industrial (SU3)
	Process Categories: PROC1, PROC2, PROC8b, PROC9
	Environmental Release Categories: ERC4, ERC7 Specifc Environmental Release Categories: ATIEL-ATC SPERC 4.Bi.v1
Processes, tasks, activities covered	Covers general use of lubricants and greases in vehicles or machinery in closed
	systems. Includes filling and draining of containers and operation of enclosed machinery (including engines) and associated maintenance and storage activities.
Section 2	Operational conditions and risk management measures
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Section 2.1	Control of worker exposure
Product characteristics Physical form of product	Liquid, vapour pressure < 0.5 kPa [OC3].
Concentration of substance in product	Covers use of substance/product up to 100% (unless stated differently) [ATG01]
Frequency and duration of use	Covers daily exposures up to 8 hours (unless stated differently) [G2]
Other Operational Conditions affecting	Assumes use at not > 20°C above ambient, unless stated differently [G15]
worker exposure	Assumes a good basic standard of occupational hygiene is implemented [G1].
Contributing Scenarios	Risk Management Measures
	Note: list RMM standard phrases according to the control hierarchy indicated in the ECHA template: 1. Technical measures to prevent release, 2. Technical measures
	to prevent dispersion, 3. Organisational measures , 4. Personal protection.
General measures applicable to all activities	Avoid direct skin contact with product. Identify potential areas for indirect skin
[CS135]	contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean
	up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent/minimise exposures and to
	report any skin problems that may develop [E3]
	Use suitable eye protection. [PPE26] Avoid direct eye contact with product also via
General exposures (closed systems)	contamination on hands. [E73]  No other specific measures identified. [EI20]
[CS15]. PROC1	
Initial factory fill of equipment [CS75];	No other specific measures identified. [El20]
Use in contained systems [CS38]. PROC2, PROC9	
Initial factory fill of equipment [CS75];	Provide a good standard of general or controlled ventilation (10 to 15 air changes
(open systems) [CS108]	per hour) [E40]. Avoid carrying out operation involving exposure for more than 4 hours [OC28]
PROC8b Operation of equipment containing engine	No other specific measures identified. [EI20]
oils and similar [CS26];	, , , , , , , , , , , , , , , , , , , ,
Use in contained systems [CS38].	
PROC1 Equipment cleaning and maintenance	Drain down system prior to equipment break-in or maintenance [E65].Provide a good
[CS39].	standard of general ventilation (not less than 3 to 5 air changes per hour) [E11]
PROC8b	Wear chemically resistant gloves (tested to EN374) in combination with specific
	activity training [PPE17]. Retain drain downs in sealed storage pending disposal or for subsequent recycle [ENVT4].
Equipment cleaning and maintenance	Drain down system prior to equipment break-in or maintenance [E65].;
[CS39].; Operation is carried out at	Provide extract ventilation to emission points when contact with warm (>50 deg C)
elevated temperature (> 20°C above ambient temperature) [OC7]	lubricant is likely [E67]. Wear chemically resistant gloves (tested to EN374) in combination with intensive management supervision controls [PPE18]. Retain drain
PROC8b	downs in sealed storage pending disposal or for subsequent recycle [ENVT4].
Storage [CS67]	Store substance within a closed system [E84]
PROC1, PROC2 Section 2.2	Control of anvironmental expensive
	Control of environmental exposure
Amounts used	
EU tonnage (tonnes per year) [ATE09]	2630
Fraction of EU tonnage used in region [A1]	0.1
Fraction of Regional tonnage used locally	0.1
Frequency and duration of use	
Emission days (days/year) [FD4]	300

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ocal freshwater dilution factor [EF1]	10
ocal marine water dilution factor [EF2]	100
Other given operational conditions affecting	
legligible wastewater emissions as process	operates without water contact. [OOC20]
Release fraction to air from process (after ypical onsite RMMs) [ATE11]	5.0 E-05
Release fraction to wastewater from process	1 .0 E-11
after typical onsite RMMs and before municipal) sewage treatment plant):	
elease fraction to soil from process (after pical onsite RMMs): [ATE13]	0
echnical conditions and measures at proce	ss level (source) to prevent release
	nservative process release estimates used [TCS1]
	reduce or limit discharges, air emissions and releases to soil
revent discharge of undissolved substance	to or recover from onsite wastewater. [TCR14]
Jser sites are assumed to be provided with	oil/water separators or equivalent and for waste water to be discharged via public
owar system IATE141 Organisational measures to prevent/limit rele	
o not apply industrial sludge to natural soils	
ludge should be incinerated, contained or r	
conditions and measures related to municipal	0.005.03
stimated substance removal from rastewater via domestic sewage treatment	'
%) - F <sub>STP</sub> [STP3]	
ssumed domestic sewage treatment plant	2.00E+03
ow (m <sup>3</sup> /d) [STP5]	
Maximum allowable site quantity (MSafe) ased on OCs and RMMs as above	
ka/day): [ATE15]	
Conditions and measures related to external	·
<u> </u>	ould comply with applicable local and/or national regulations. [ETW3].
Conditions and measures related to external	recovery of waste
xternal recovery and recycling of waste sho	ould comply with applicable local and/or national regulations. [ERW1]
Other environmental control measures additi	ional to above
lone [ATE16]	
Section 3	Exposure Estimation
.1. Health The Rick Management Measures/Operations	al Conditions that are identified in the Exposure Scenario are the outcome of a
uantitative and qualitative assessment that	
.2. Environment	and the second of the second o
sed ECETOC TRA model. [EE1]	
ection 4	Guidance to check compliance with the Exposure Scenario
.1. Health	posstional Conditions are adopted than users should ensure that visits are
vhere other Risk Management Measures/O o at least equivalent levels. [G23]	perational Conditions are adopted, then users should ensure that risks are manage
2 Environment	onditions which may not be applicable to all sites: thus scaling may be necessary to
	ment measures IDSU11.
Guidance is based on assumed operating co lefine appropriate site-specific risk manager further details on scaling and control techno	ment measures [DSU1].  logies are provided in SpERC factsheet (http://cefic.org/en/reach-for-industries-
Guidance is based on assumed operating co lefine appropriate site-specific risk manager further details on scaling and control techno braries.html) [DSU4].)	