

Product uses currently intended to be registered by Shell Chemicals

If you do not see your use of interest described here, please comment at [www.shell.com/chemicals/reach](http://www.shell.com/chemicals/reach)

**Product Name:** Acetone  
**Product Code:** S1212, U8903, S1260  
**CAS No:** 67-64-1

Exposure Scenario Title	Scope / Definition	Industrial / Professional / Consumer	Use Descriptor				
			Sector of Use - main user group	Process Category - for Workers	Product Category - for consumers	Article Category - for consumers	Environmental Release Category
Manufacture of substance	Manufacture of the substance or use as an intermediate or process chemical or extraction agent. Includes recycling/ recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk container).	Industrial	SU8, SU9	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15	n/a	n/a	ERC1
Distribution of substance	Storage, loading (including marine vessel/barge, rail/road car and bulk container loading) and repacking (including drums and small packs) of substance, including its distribution.	Industrial	SU8, SU9	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9	n/a	n/a	ERC1 (loading); ERC2 (repacking)
Formulation & (re)packing of substances and mixtures	Formulation, packing and re-packing of the substance and its mixtures in batch or continuous operations, including storage, materials transfers, mixing, large and small scale packing and maintenance.	Industrial	SU10	PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9, PROC15	n/a	n/a	ERC2
Uses in Coatings	Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi-bulk, application by spray, roller, spreader, dip, flow, fluidised bed on production lines and film formation) and equipment cleaning and maintenance.	Industrial	SU3	PROC1, PROC2, PROC3, PROC5, PROC7, PROC8a, PROC8b, PROC10, PROC13	n/a	n/a	ERC 4

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	Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi-bulk, application by spray, roller, brush, spreader by hand or similar methods, and equipment cleaning and maintenance.	Professional	SU22	PROC1, PROC2, PROC3, PROC5, PROC8a, PROC8b, PROC10, PROC11, PROC13, PROC19	n/a	n/a	ERC 8A ERC 8D
	Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including product transfer and preparation, application by brush, spray by hand or similar methods) and equipment cleaning.	Consumer	SU21	n/a	PC1, PC4, PC5, PC9, PC10, PC24, PC31	n/a	ERC 8A ERC 8D
Use in Cleaning Agents	Covers the use as a component of cleaning products including transfer from storage, pouring/unloading from drums or containers. Exposures during mixing/diluting in the preparatory phase and cleaning activities (including spraying, brushing, dipping, wiping, automated and by hand), related equipment cleaning and maintenance.	Industrial	SU3	PROC1, PROC2, PROC3, PROC4, PROC7, PROC8a, PROC8b, PROC10, PROC13	n/a	n/a	ERC 4
	Covers the use as a component of cleaning products including pouring/unloading from drums or containers; and exposures during mixing/diluting in the preparatory phase and cleaning activities (including spraying, brushing, dipping, wiping automated and by hand).	Professional	SU22	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC10, PROC11, PROC13	n/a	n/a	ERC 8A ERC 8D

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			Sector of Use - main user group	Process Category - for Workers	Product Category - for consumers	Article Category - for consumers	Environmental Release Category
	Covers general exposures to consumers arising from the use of household products sold as washing and cleaning products, aerosols, coatings, de-icers, lubricants and air care products.	Consumer	SU21	n/a	PC3, PC4, PC9, PC24, PC35	n/a	ERC 8A ERC 8D
Laboratory agents	Use of the substance within laboratory settings, including material transfers and equipment cleaning.	Industrial	SU3	PROC10, PROC15	n/a	n/a	ERC 4
	Use of small quantities within laboratory settings, including material transfers and equipment cleaning.	Professional	SU22	PROC10, PROC15	n/a	n/a	ERC 8A
Agrochemical uses	Use as an agrochemical excipient for application by manual or machine spraying, smokes and fogging; including equipment clean-downs and disposal.	Professional	SU22	PROC4, PROC8a, PROC8b, PROC11, PROC13	n/a	n/a	ERC 8D
	Covers the consumer use in agrochemicals in liquid and solid forms.	Consumer	SU21	n/a	PC12, PC22, PC27	n/a	ERC 8D



Issued by Shell Chemicals Limited, Shell Centre, London SE1 7NA  
 Document issue date: 31 July 2009. Version no: 1

n/a= not applicable  
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