

## Proposed GESs for Acetic Acid - Cas No. 64-19-7 (version 2 - 12 May 2010)

| GES Title   | Area of Application / UD                                    | Draft GES scope / definition  | Applicable Use Descriptors (PROC or PC)                                  | Applicable Use Descriptors (ERC or SpERC) | GES to develop substance | Substance ES number |
|---|---|---|--|---|--------------------------|---------------------|
| <b>General Titles</b>   |   |   |  |   |                          |                     |
| Manufacture of substance<br><br><i>Other uses:</i><br><i>Industrial process agent (e.g. in textile / leather processing / paper and pulp) process solvent</i><br><br><i>Metal treatment / electronics</i> | Industrial (SU3, SU8, SU9, SU14)<br><i>(SU5, SU6, SU16)</i> | 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), sampling and associated laboratory activities | PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC15, <i>PROC13</i> | ERC1, ERC4, ERC6A                         | Yes                      | ES#1                |
|   | Professional (SU22)   | not applicable  |  |   |                          |                     |
|   | Consumer (SU21)   | not applicable  |  |   |                          |                     |
| Distribution of substance   | Industrial (SU8, SU9)                                       | Loading (including marine vessel/barge, rail/road car and IBC loading) and repacking (including drums and small packs) of substance, including its distribution and associated laboratory activities  | PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9, PROC15                | ERC1 (loading) ERC2 (repacking)           | Yes                      | ES#1                |
|   | Professional (SU22)   | not applicable  |  |   |                          |                     |
|   | Consumer (SU21)   | not applicable  |  |   |                          |                     |
| Formulation & (re)packing of substances and mixtures  | Industrial (SU10)   | 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, maintenance and associated laboratory activities  | PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9, PROC14, PROC15 | ERC2                                      | Yes                      | ES#2                |
|   | Professional (SU22)   | not applicable  |  |   |                          |                     |
|   | Consumer (SU21)   | not applicable  |  |   |                          |                     |

Use in Cleaning Agents

Other uses:  
 Use in Photography e.g. stop baths  
**Use in dyes, chemicals and auxiliary chemicals for textiles, leather, paper and other materials**

|  |                           |   |   |                 |     |      |
|--|---------------------------|---|---|-----------------|-----|------|
|  | Industrial (SU3)          | 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. | PROC1, PROC2, PROC3, PROC4, PROC7, PROC8a, PROC8b, PROC10, PROC13<br><b>(PC18, PC20, PC21, PC23, PC26, PC34)</b>  | ERC4            | Yes | ES#3 |
|  | Professional (SU22)       | 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).   | PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC10, PROC11, PROC13<br><b>(PC18, PC20, PC21, PC23, PC26, PC34)</b> | ERC 8A, ERC 8D; | Yes | ES#3 |
|  | Consumer (SU21)           | 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.   | PC3, PC4, PC9, PC24, PC35, PC38<br><b>PC18, PC20, PC21, PC23, PC26, PC34</b>                                      | ERC 8A, ERC 8D  | Yes | ES#3 |
| Use in Oil field drilling and production operations                            | Industrial (SU3)          | Oil field well drilling and production operations (including drilling muds and well cleaning) including material transfers, on-site formulation, well head operations, shaker room activities and related maintenance.  | PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b  | ERC 4           | Yes | ES#4 |
|  | Professional (SU22)       | not applicable  |   |                 |     |      |
|  | Consumer (SU21)           | not applicable  |   |                 |     |      |
| Agrochemical uses<br><br>Other uses:<br>Non-plant protection biocidal products | Industrial (SU3) (SU1)    | not applicable  |   |                 |     |      |
|  | Professional (SU22) (SU1) | Use as an agrochemical excipient for application by manual or machine spraying, smokes and fogging; including equipment clean-downs and disposal.   | Covered by Directive 91/414/EEC   |                 | Yes | ES#5 |
|  | Consumer (SU21)           | Covers the consumer use in agrochemicals in liquid and solid forms.   | Covered by Directive 91/414/EEC   |                 | Yes | ES#5 |
| Food / feed use  | Professional (SU1, SU22)  | Consideration will be given to cover Food/Feed uses of acetic acid should these not be covered by formulation &, packaging of preparations of mixtures (above) or be exempt from REACH under Article 2.   |   |                 | Yes | ES#6 |

|                           |                     |  |  |                                 |     |      |
|---------------------------|---------------------|--|--|---------------------------------|-----|------|
|                           | Consumer (SU21)     | <i>Consideration will be given to cover Food/Feed uses of acetic acid should these not be covered by formulation &amp;, packaging of preparations of mixtures (above) or be exempt from REACH under Article 2.</i>   |  |                                 | Yes | ES#6 |
| Other Consumer Uses       | Consumer (SU21)     | Consumer uses not covered in consumer examples listed above e.g. use as a carrier in cosmetics/personal care products, perfumes and fragrances.<br><br><i>An attempt will be made to cover minor uses of acetic acid by consumers WHICH are not already exempt from REACH including those identified by PCs covering perfumes , fragrances (PC28), pharmaceuticals, (PC29),,cosmetics , personal care products, (PC 39) and products such as pH regulators, flocculants etc (PC20)</i> | PC28, PC39   | ERC 8A, ERC 8D                  | Yes | ES#7 |
| Use in laboratories       | Industrial (SU3)    | Use of the substance within laboratory settings, including material transfers and equipment cleaning   | PROC10, PROC15                                     | ERC 4                           | Yes | ES#8 |
|                           | Professional (SU22) | Use of small quantities within laboratory settings, including material transfers and equipment cleaning  | PROC10, PROC15                                     | ERC 8A                          | Yes | ES#8 |
|                           | Consumer (SU21)     | not applicable   |  |                                 |     |      |
|                           |                     |  |  |                                 |     |      |
| Water treatment chemicals | Industrial (SU10)   | Covers the use of the substance for the treatment of water at industrial facilities in open and closed systems   | PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC13 | ERC 4                           | Yes | ES#9 |
|                           | Professional (SU22) | Covers the use of the substance for the treatment of water in open and closed systems  | PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC13 | ERC 8 series (A, B, C, D, E, F) | Yes | ES#9 |
|                           | Consumer (SU21)     | not applicable   |  |                                 |     |      |