

FLUOROCARBON CONSORTIUM USE DESCRIPTOR SYSTEM FOR IDENTIFIED USES

| Version Ref 15/02/2010 | | Use Category Descriptors | | | | | R59 | R12 | R59 | NC | NC | IT | R12 | R12 | NC | NC |
|---|--|---------------------------|------------------------------|-----------------------|---------------------|------------------------------------|---------|--------|----------|---------|----------|-----------|----------|----------|-----------|-----|
| Ref | Use | Sector of Use Category SU | Chemical Product Category PC | Process Category PROC | Article Category AC | Environmental Release Category ERC | HCFC 22 | HFC 32 | HCFC 123 | HFC 125 | HFC 134a | HCFC 142b | HFC 143a | HFC 152a | HFC 227ea | SF6 |
| Industrial | | | | | | | | | | | | | | | | |
| Use in chemical or industrial sector | | | | | | | | | | | | | | | | |
| | Manufacture of substance | | | PROC1 | NA | ERC1 | x | x | x | x | x | x | x | x | x | x |
| | Transported Intermediate/Feedstock | SU3/SU8 | | PROC1 | NA | ERC6A | x | x | x | | | x | x | | | |
| | Formulation/Blending | | | PROC3 | NA | ERC2 | ! | x | | x | x | | x | x | x | x |
| | Packaging/repackaging | | | PROC8B, PROC9 | NA | ERC7 | ! | x | | x | x | | x | x | x | x |
| | Manufacture of MDI, Aerosol, OCF | SU3/SU10 | | PROC 9 | AC30 | ERC2 | | | | | x | | | x | x | |
| | Manufacture of charged RAC/MAC systems | SU3/SU17 | | PROC 9 | AC1-AC2 | ERC7 | | x | | x | x | | x | | x | |
| | Manufacture of charged electrical transformers | SU3/SU17 | | PROC9 | AC0/TARIC 8535 | ERC7 | | | | | | | | | | x |
| | Manufacture of fire extinguishers | SU3/SU17 | | PROC 9 | AC30 | ERC7 | | | | x | | | | | | x |
| | Foaming Agent | SU3/SU12 | | PROC12 | AC4 | ERC4, ERC5 | ! | | | | x | ! | | | | x |
| | Recycling (waste) / Reclamation | SU3 | | PROC3 | NA | ERC1 | ! | x | | x | x | | x | | x | x |
| | Plasma Etching in semiconductor industry | SU3/SU16 | | PROC1, PROC9 | NA | ERC8B | | | | | | | | | | x |
| | Metal Refining / Cover Gas | SU3 | | PROC22 | NA | ERC4 | | | | | x | | | | | x |
| Professional end use | | | | | | | | | | | | | | | | |
| Installation, Servicing and Maintenance of equipment | | | | | | | | | | | | | | | | |
| | MAC & RAC ¹ | SU22 | | PROC 8a | AC1-AC2 | ERC9A, ERC9B | ! | x | | x | x | | x | x | | |
| | Recovery (F-gas / ODS) / Servicing | SU22 | | PROC8a | | ERC9A, ERC9B | ! | x | | x | x | | x | x | x | |
| | Electrical Transformers | SU22 | | PROC9 | AC0/TARIC 8535 | ERC9B | | | | | | | | | | x |
| Use of substance, preparations, articles | | | | | | | | | | | | | | | | |
| | Medical Laser | SU22/SU20 | | PROC11 | AC2 | ERC8A | | | | | x | | | | | |
| | Fire Extinguishant | SU22 | | PROC11 | AC30 | ERC8A | | | x | | | | | | | x |
| | Foaming Agent | SU22/SU19 | | PROC11, PROC12 | NA | ERC10A, ERC11A | | | | x | | | | | | x |
| | Aerosol/Propellant | SU 22 | PC0 (UCN D15100) | PROC11 | AC30 | ERC8D | | | | | x | | | x | | |
| | One Component Foam | SU22/SU19 | | PROC11 | AC4 | ERC10A, ERC11A | | | | | x | | | x | | |
| Consumer end use | | | | | | | | | | | | | | | | |
| | Aerosol/Propellant | SU21 | PC0 (UCN D15100) | PROC 11 | AC30 | ERC8A, ERC8D | | | | | x | | | x | x | |
| | One Component Foam | SU21/SU19 | PC0 | PROC 11 | AC4 | ERC10A, ERC11A | | | | | x | | | x | | |
| Other Specialist Uses | | | | | | | | | | | | | | | | |
| | Glass Fibre Production | SU3 | | PROC2 | | ERC7 | | | | | | | | | | x |
| | Tracer Gas Wind Channels | SU3 | | PROC7 | | ERC4 | | | | | | | | | | x |
| | Laboratory Use | SU3/SU22 | PC21 | PROC15 | NA | ERC9A | x | x | x | x | x | x | x | x | x | x |
| Exempt Uses | | | | | | | | | | | | | | | | |
| | Topical Aerosol - EXEMPT | SU20 | PC0 (UCN D15100) | PROC 11 | | | | | | | x | | | | | |
| | MDI EXEMPT | | | | | | | | | | x | | | | | |

¹ Mobile Air Conditioning and Stationary Refrigeration & Air Conditioning systems

References

Use Descriptors

Detailed descriptions of Use Descriptors are provided in the current version of the ECHA Guidance on Information Requirements and Chemical Safety Assessment Chaptr R12: Use Descriptor System

This document is currently available in draft format and can be found at the following website http://guidance.echa.europa.eu/guidance4_en.htm

UCN Codes

UCN Codes are provided on the Nordic SPIN database available at the following website <http://195.215.251.229/fmi/xsl/spin/SPIN/guide/menuguide.xsl?-db=spinguide&-lay=overview&-view#>

UCN D15100 Propellants

Key

! ODS Regulation (EC) No 1005/2009 bans placing this substance on the market for all uses except feedstock, laboratory use, essential uses, reclamation and destruction and the current intention is to register the substance as a transported isolated intermediate (in accordance with Article 18 REACH Regulation) only