



Guide on the Transport of Aerosols

Second Edition: May 2019

© FEA 2019
All Right Reserved

FEA aisbl – Boulevard du Souverain 165 – 1160 Brussels – Belgium
Tel: + 32 (0)2 679 62 80 - info@aerosol.org - www.aerosol.org
V.A.T.: BE 0422.796.670



Contents

1 GENERAL INTRODUCTION	6
2 ACRONYMS	7
3 THE GENERAL FRAMEWORK (UN MODEL REGULATIONS).....	8
3.1. SCOPE AND TOTAL EXEMPTIONS	8
3.2. DEFINITIONS.....	9
3.3. TRAINING	9
3.4. SAFETY OBLIGATIONS	9
3.5. SECURITY	10
3.6. CLASSIFICATION	10
3.7. DANGEROUS GOODS LIST	12
3.8. SPECIAL PROVISIONS	12
3.9. EXEMPTIONS	12
3.10. PACKING.....	13
3.11. CONSIGNMENT PROCEDURES	15
3.12. CONSTRUCTION AND TESTING.....	17
3.13. TRANSPORT OPERATIONS.....	17
4 TRANSPORT BY ROAD/RAIL ACCORDING TO ADR/RID.....	18
4.1. INTRODUCTION	18
4.2. LEGAL TEXTS.....	18
4.3. AEROSOL SPECIFICATION.....	19
4.4. OBLIGATIONS OF ADR PARTICIPANTS	20
4.5. NOTIFICATIONS OF OCCURRENCES INVOLVING DANGEROUS GOODS	20
4.6. NORMAL REGIME	20
4.7. SMALL LOADS	21
4.8. LIMITED QUANTITY REGIME	22
4.9. MIXED PACKING	23
4.10. PALLET LOADS (OVERPACKS).....	23
4.11. FULL LOAD.....	23
4.12. TRANSPORT OPERATIONS AND THE MARKING OF VEHICLES	24
4.13. MULTIMODAL TRANSPORT.....	25
4.14. TUNNELS.....	25



5 TRANSPORT BY AIR	27
5.1. INTRODUCTION	27
5.2. LEGAL TEXTS.....	27
5.3. NORMAL REGIME	28
5.4. LIMITED QUANTITY REGIME	28
5.5. CONSUMER COMMODITIES REGIME	29
5.6. MARKING AND LABELLING	29
5.7. DOCUMENTATION	31
5.8. PASSENGERS' LUGGAGE	32
6 TRANSPORT BY SEA	33
6.1. INTRODUCTION	33
6.2. LEGAL TEXT	33
6.3. NORMAL REGIME	33
6.4. LIMITED QUANTITY REGIME	33
6.5. DOCUMENTATION	34
6.6. MIXED PACKING	35
6.7. TRANSPORT OPERATIONS AND MARKING OF TRANSPORT UNITS	35
6.8. STOWAGE AND SEGREGATION.....	36
6.9. EMERGENCY RESPONSE AT SEA.....	37
7 TRANSPORT BY POST	38
8 WASTE AEROSOLS.....	40
8.1. INTRODUCTION	40
8.2. LIMITED QUANTITY PROVISIONS	40
8.3. USING P207 AND LP02 FOR WASTE AEROSOLS	40
8.4. USE OF IBCs	41
8.5. SEVERELY DAMAGED AEROSOLS	41
8.6. CONSIGNMENT PROCEDURES	41
8.7. TRANSPORT OPERATIONS.....	42
8.8. SEA VARIATIONS.....	42
8.9. AIR.....	42
9 NATIONAL DEROGATIONS	43
10 COMMERCIAL RESTRICTIONS AND SPECIAL EVENTS.....	44
11 SAFETY DATA SHEETS	45



12 FREQUENTLY ASKED QUESTIONS	47
12.1. INTRODUCTION	47
12.2. EXEMPTIONS	49
12.3. CLASSIFICATION	49
12.4. PACKAGING	50
12.5. LABELS, MARKS AND PLACARDS	50
12.6. LIMITED QUANTITIES	51
12.7. AEROSOL CONTAINERS	53
12.8. SECURITY	53
12.9. SHIPMENT BY ROAD	54
12.10. SHIPMENT BY AIR	54
12.11. SHIPMENT BY POST	54
13 LIMITED QUANTITY REGIME ACROSS MODES – SUMMARY TABLE	56
14 PACKAGE SIZES AND REQUIREMENTS – SUMMARY	59