

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION	OF THE SUBST	ANCE/MIX	TURE AND OF THE COM	MPANY/UNDER	TAKING
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	LIME (EXPRESSED), ESSENTIAL OIL ORGANIC				
BIOLOGICAL DEFINITION	CITRUS AURANTIFOLIA OIL IS THE VOLATILE OIL OBTAINED FROM THE FRUITS OF THE LIME, CITRUS AURANTIFOLIA, RUTACEAE.				
INCI NAME	CITRUS AURANTIFOLIA PEEL				
SYNONYMS & TRADE NAMES	LIME OIL EXPRESSED				
INTERNAL PRODUCT CODE	K0264				
CAS-No	8008-26-2/ 90063-52-8 EC No. 290-010-3 EINECS No. 290-010-3				
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
COMPANY ADDRESS	ECODROP LIMITED, PEMBROKE LODGE, 3 PEMBROKE ROAD, RUISLIP, HA4 8NQ				
EMAIL	SUPPORT@ECODROP.CO.UK				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY	DATA SHEET				
EMERGENCY CONTACTS	+44 (0)7732 546773				

SECTION 2: HAZARDS IDENTIFICATIO	N
2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	FLAMMABLE LIQUID, HAZARD CATEGORY 3 SKIN CORROSION / IRRITATION CATEGORY 2 SENSITIZATION - SKIN CATEGORY 1 ASPIRATION HAZARD CATEGORY 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD CATEGORY 2 H226, FLAMMABLE LIQUID AND VAPOUR. H304, May be fatal if swallowed and enters airways. H315, CAUSES SKIN IRRITATION. H317, MAY CAUSE AN ALLERGIC SKIN REACTION. H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
GHS LABEL	GHS02 GHS07 GHS08 GHS09
Signal Word	DANGER.
Contains	-
HAZARDS STATEMENT	H226, FLAMMABLE LIQUID AND VAPOUR. H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315, CAUSES SKIN IRITATION. H317, MAY CAUSE AN ALLERGIC SKIN REACTION. H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
PRECAUTIONARY STATEMENTS	P210, KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. P233, KEEP CONTAINER TIGHTLY CLOSED. P240, GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. P241, USE EXPLOSION-PROOF ELECTRICAL, VENTILATING AND LIGHTING EQUIPMENT. P242, USE ONLY NON-SPARKING TOOLS. P243, TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. P261, AVOID BREATHING VAPOUR OR DUST. P264, WASH HANDS AND OTHER CONTACTED SKIN THOROUGHLY AFTER HANDLING. P272, CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. P273, AVOID RELEASE TO THE ENVIRONMENT. P280, WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. P301/310, IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. P303/361/353, IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER. P331, DO NOT INDUCE VOMITING. P333/313, IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P362, TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE. P370/378, IN CASE OF FIRE: P403/235, STORE IN A WELL-VENTILATED PLACE. KEEP COOL. P405, STORE LOCKED UP. P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	NONE.
2.3 OTHER HAZARDS	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO DATA
ADVERSE EFFECTS ON HUMAN HEALTH	NO DATA
PBT or vPvB according to Annex XIII	No Data

SECTION 3: COMPOSITION OF INGREDIENTS

55.73% D-LIMONENE CAS-No: 5989-27-5; EC No.: 227-813-5 CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304- H315-H317-H410,-

17.35% Γ-TERPINENE (P-MENTHA-1,4-DIENE) CAS NO99-85-4; EC No:202-794-6 CLASSIFICATION (EC 1272/2008) FL 3-AH 1;H226-H304,-

9.65% TERPINOLENE CAS No: 586-62-9 EC No: 209-578-0 CLASSIFICATION (EC 1272/2008) SS 1B-AH 1-EH A1-EH C1; H304-H317-H410,-

8.3% P-MENTHA-1,3-DIENE CAS No: 99-86-5 EC No: 202-795-1 CLASSIFICATION (EC 1272/2008) FL 3-ATO 4-AH 1-EH C2; H226-H302-H304-H411,-

3.51% P-CYMENE CAS No: 99-87-6 EC No: 202-796-7 CLASSIFICATION (EC 1272/2008) FL 3-AH 1-EH C2;H226- H304-H411,-

3.5% EUCALYPTOL CAS No: 470-82-6 EC No:207-431-5 CLASSIFICATION (EC 1272/2008) FL 3-SS 1B;H226-H317,-

3.5%1,4-CINEOLE CAS No: 470-67-7 EC No: 20-428-9 CLASSIFICATION (EC 1272/2008) FL 3:H226.-

3.475% ALPHA-TERPINEOL CAS No: EC No: CLASSIFICATION (EC 1272/2008) SCI 2-EDI 2;H315-H319,-

2.835% A-PINENE CAS NO: 80-56-8; EC No: 201-291-9 CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304- H315-H317-H410,-

2.665% B-PINENE CASNO: 127-91-3: EC No: 20-872-5 CLASSIFICATION (EC 1272/2008). FL 3-SCI 2-SS 1B-AH 1-EH A1-EH A1-EH C1;H226-H304- H315-H317-H410,-

1.5% MYRCENE CAS No: 123-35-3 FC No: 204-622-5 CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-

CAS No: 495-61-4 EC No: N/A 0.825% L-BETA.-BISABOLENE CLASSIFICATION (EC 1272/2008) SCI 2-SS 1B-AH 1;H304- H315-H317,

0.736% CITRAL CAS No: 5392-40-5 EC No: 226-394-6 CLASSIFICATION (EC 1272/2008). SCI 2-EDI 2-SS 1B;H315- H317-H319.-

0.495% CAMPHENE CAS No: 79-92-5 EC No: 201-234-8 CLASSIFICATION (EC 1272/2008) FS 2-EDI 2-EH A1-EH C1; H228-H319-H410,-

0.495% BETA-CARYOPHYLLENE CAS No: 87-44-5 EC No: 201-746-1 CLASSIFICATION (EC 1272/2008) AH 1;H304,-

0.495% ALPHA-PHELLANDRENE CAS No: 99-83-2 EC No: 202-792-5 CLASSIFICATION (EC 1272/2008) FL 3-AH 1;H226-H304,-

0.33% DECANAL CAS No: 112-31-2; EC No: 203-872-5 CLASSIFICATION (EC 1272/2008) EDI 2-EH C3;H319-H412,-

SECTION 4: FIRST AID MEASURES

4 1

3.2 MIXTURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.

INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.		
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.		
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.		
EYE CONTACT	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.		
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	INHALATION MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING. INGESTION IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM. SKIN CONTACT TOXIC IN CONTACT WITH SKIN. EYECONTACT MAY CAUSE EYE IRRITATION.		
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	None expected, see Section 4.1 for further information.		

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
5.3 Advice for fire-fighters	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

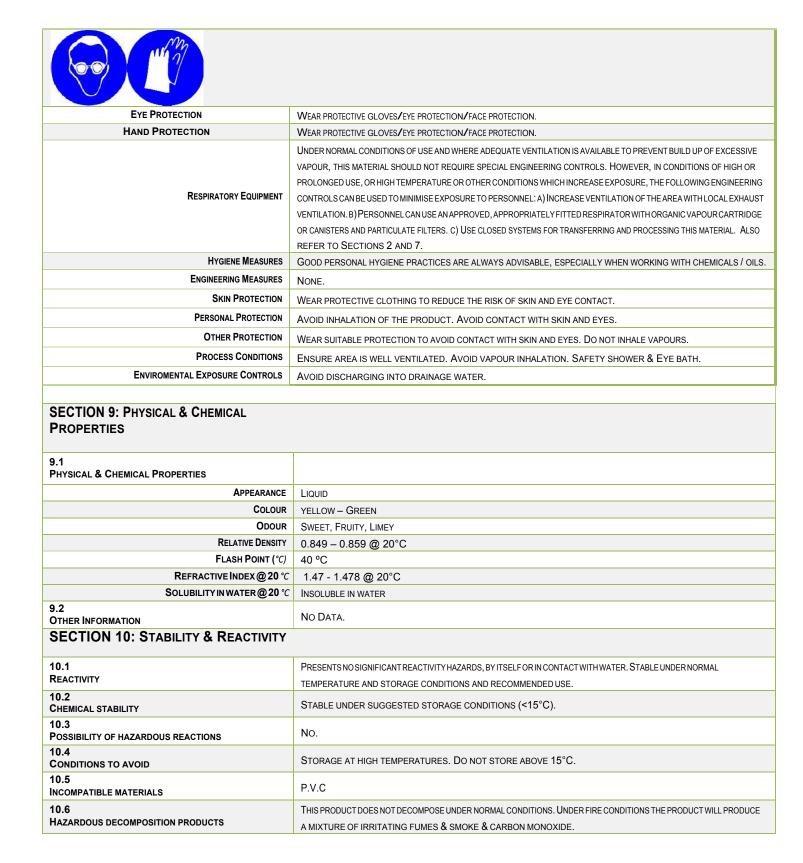
SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
7.2 CONDITIONSFORSAFESTORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEPTHE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.
7.3 SPECIFIC END USE(S)	No Data.
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION	

8.2 EXPOSURE CONTROLS

8.1 CONTROL PARAMETERS

NO DATA.



11.1	
TOXICOLOGICAL EFFECTS	
Αсυτε Τοχι с ιτγ	ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE ORAL TOXICITY: 5934.41 ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE DERMAL TOXICITY: N/A ASSUMED TOXICITY VALUE (LC50 OR ATE) FOR ACUTE INHALATION TOXICITY: N/A INHALATION ROUTE: N/A
SKIN IRRITATION	MAY CAUSE SENSITISATION BY SKIN CONTACT.
EYE DAMAGE OR IRRITATION	SPRAY AND VAPOUR IN THE EYES MAY CAUSE IRRITATION AND SMARTING.
RESPIRATORY OR SKIN SENSITIVITY	IN HIGH CONCENTRATIONS, VAPOURS MAY IRRITATE THROAT AND RESPIRATORY SYSTEM AND CAUSE COUGHING.
GERM CELL MUTAGENICITY	NEGATIVE. (SOURCE CSR).
CARCINOGENICITY	NOT APPLICABLE.
REPRODUCTIVE TOXICITY	NOT APPLICABLE.
STOT – SINGLE EXPOSURE	NOT APPLICABLE.
STOT — REPEATED EXPOSURE	NOT APPLICABLE.
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS (H304).
OTHER INFORMATION	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC
SECTION 12: ECOLOGICAL INFORMATION	ENVIRONMENT.
12.1	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC
12.1 TOXICITY 12.2	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC
12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. NO DATA.
12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. NO DATA. NO DATA.
12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL 12.5 RESULTS OF PBT & VPVB ASSESSMENT	DANGEROUSFOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. NO DATA. NO DATA. NO DATA.
12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL 12.5 RESULTS OF PBT & VPVB ASSESSMENT	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. NO DATA. NO DATA. NO DATA. THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.
SECTION 12: ECOLOGICAL INFORMATION 12.1 TOXICITY 12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL 12.5 RESULTS OF PBT & VPVB ASSESSMENT 12.6 OTHER ADVERSE EFFECTS SECTION 13: DISPOSAL INFORMATION	DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. NO DATA. NO DATA. NO DATA. THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.

SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
UN Number	ROAD: 1169 RAIL: 1169 AIR: 1169
14.2 UN SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS: 3 FLAMMABLE LIQUID. IMDG CLASS: 3 FLAMMABLE LIQUID. ICAO CLASS/DIVISION: 3 FLAMMABLE LIQUID. TRANSPORT LABELS
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III
14.5 ENVIROMENTAL HAZARDS	ICAO PACKING GROUP III ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
14.6 SPECIAL PRECAUTIONS FOR USER	TARIFF CODE: 3301131000. THIS PRODUCT CONTAINS FLAMMABLES AND DANGEROUS FOR THE ENVIRONMENT. INCASE ON POURING OUT, MAKE SURE LABEL NEW PACKAGING ACCORDINGLY. REPRODUCING ORIGINAL LABEL WITH RELEVANT SYMBOLS.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	No additional data.
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	•
EU DIRECTIVES	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
Approved Code of Practice	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.

15.0	
15.2	
CHEMICAL SAFETY ASSESSMENT	-

SECTION 16: OTHER INFORMATION	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226, FLAMMABLE LIQUID AND VAPOUR. H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315, CAUSES SKIN IRRITATION. H317, MAY CAUSE AN ALLERGIC SKIN REACTION. H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
ICAO	International Civil Aviation Organization.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
Trem Card	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10™ APRIL 2018	Data Launch