

No. R. 662

13 June 2008

**AMENDMENT OF LIST OF ACTIVITIES AND COMPETENT AUTHORITIES IDENTIFIED
IN TERMS OF SECTIONS 24(2) AND 24D OF THE
NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998**

The Minister of Environmental Affairs and Tourism hereby publishes a draft addendum to the Lists of Activities and Competent Authorities Identified in terms of Sections 24(2) and 24D of the National Environmental Management Act, 1998 published in Government Notice No. R. 386 and R. 387 of 21 April 2006, which provides a definition for the term "dangerous goods" as contemplated in Government Notice No. R. 386 and R. 387 of 21 April 2006.

DRAFT AMENDMENT REGULATIONS

To add a definition of dangerous goods as contemplated in Listing Notices 1 and 2 of the Lists of Activities and Competent Authorities Identified in terms of Sections 24(2) and 24D of the National Environmental Management Act, 1998 published in Government Notice No. R. 386 and R. 387 of 21 April 2006, so as to provide for the insertion of new definitions and substitution of others.

BE IT ENACTED by the Parliament of the Republic of South Africa, as follows:-

Schedule 3: Generic List of Dangerous Goods*
Classification and description
CLASS 1: Explosives
Note: Explosives are not controlled under the EIA regulations but by the Explosives and Occupational Health and Safety Acts and their regulations
CLASS 2: Gasses
Class 2.1: Flammable gasses
INSECTICIDE GAS - FLAMMABLE
HYDROCARBON GAS MIXTURE - COMPRESSED or LIQUIFIED
LIQUEFIED or COMPRESSED GAS - FLAMMABLE
GAS - REFRIGERATED LIQUID, FLAMMABLE
Class 2.2: Non-flammable, non-toxic gasses
REFRIGERANT GAS
INSECTICIDE GAS
Note: The other types of non-flammable and non-toxic gasses are not regulated.
Class 2.3: Toxic gasses
INSECTICIDE GAS - TOXIC
COMPRESSED GAS - TOXIC
LIQUEFIED GAS - TOXIC
CLASS 3: Flammable liquids
ALDEHYDES
HYDROCARBONS, LIQUID
ALCOHOLS, FLAMMABLE
ALDEHYDES, FLAMMABLE,
ISOCYANATES, FLAMMABLE, TOXIC
ETHERS
AMINES, FLAMMABLE, CORROSIVE
POLYAMINES, FLAMMABLE, CORROSIVE
MERCAPTANS, LIQUID, FLAMMABLE or TOXIC,
ESTERS
ALCOHOLS
PETROLEUM DISTILLATES or PETROLEUM PRODUCTS
CHLOROSILANES. FLAMMABLE, CORROSIVE
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID
TERPENE HYDROCARBONS
NITRILES, FLAMMABLE, TOXIC

KETONES, LIQUID
PESTICIDES
ELEVATED TEMPERATURE LIQUID, FLAMMABLE with flash point above 60C
FLAMMABLE LIQUID
CLASS 4: Flammable solids
Class 4.1: Flammable solids
METAL POWDER, FLAMMABLE.
SELF-REACTIVE LIQUID or SOLID
NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID
PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID
FIBRES IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE,
METAL HYDRIDES, FLAMMABLE
FLAMMABLE SOLID
SOLIDS CONTAINING FLAMMABLE LIQUID
METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE
Class 4.2: Substances liable to spontaneous combustion
METAL ALKYL HALIDES, WATER-REACTIVE
METAL ARYL HALIDES, WATER-REACTIVE
ALKALINE EARTH METAL ALCOHOLATES
ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE
PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING,
METAL CATALYST, WETTED
METAL ALKYL HYDRIDES, WATER-REACTIVE
METAL ARYL HYDRIDES, WATER-REACTIVE,
METAL ALKYLs, WATER-REACTIVE
METAL ARYLs, WATER-REACTIVE,
ORGANIC PIGMENTS, SELF-HEATING'
PYROPHORIC ALLOY or METAL
XANTHATES
METAL CATALYST, DRY
METAL POWDER, SELF-HEATING
SELF-HEATING LIQUID, CORROSIVE or TOXIC
SELF-HEATING SOLID, TOXIC or CORROSIVE
PYROPHORIC LIQUID or SOLID
PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE
Class 4.3: Substances liable to spontaneous combustion
ALKALI METAL AMALGAM, ALLOY or DISPERSION
ALKALINE EARTH METAL AMALGAM, ALLOY or DISPERSION
ALKALI METAL AMIDES
CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE
METALLIC SUBSTANCE. WATER-REACTIVE
METAL HYDRIDES, WATER-REACTIVE
WATER-REACTIVE SOLID, SELF-HEATING
WATER-REACTIVE LIQUID or SOLID, CORROSIVE OR TOXIC

ORGANOMETALLIC COMPOUND, SOLUTION or DISPERSION, WATER-REACTIVE. FLAMMABLE
CLASS 5: Oxidising Substances and Organic peroxides
Class 5.1: Oxidising Substances
PERSULPHATES, INORGANIC
BROMATES, INORGANIC,
PERMANGANATES, INORGANIC
HYPOCHLORITES, INORGANIC
NITRITES, INORGANIC
CHLORITES, INORGANIC
CHLORATES, INORGANIC
NITRATES, INORGANIC
PEROXIDES, INORGANIC
OXIDIZING SOLID or LIQUID, WATER-REACTIVE, CORROSIVE, FLAMMABLE or TOXIC
Class 5.2: Organic peroxides
ORGANIC PEROXIDE LIQUID or SOLID
CLASS 6: Toxic and infectious substances
Class 6.1: Toxic substances
ANTIMONY COMPOUND, INORGANIC
CHLOROSILANES, TOXIC, CORROSIVE,
CHLOROFORMATES, TOXIC, CORROSIVE
CHLOROPICRIN MIXTURE
DISINFECTANT, SOLID or LIQUID, TOXIC
DYE, LIQUID or SOLID, TOXIC
PHENYLMERCURIC COMPOUND
BARIUM COMPOUND
ARSENIC COMPOUND, LIQUID or SOLID
NICOTINE and NICOTINE COMPOUND, LIQUID
THALLIUM COMPOUND
TEAR GAS SUBSTANCE, LIQUID or SOLID
LEAD COMPOUND, SOLUBLE
ISOCYANATES and SOLUTIONS, TOXIC, FLAMMABLE
FLUOROSILICATES
MERCAPTANS, LIQUID, TOXIC, FLAMMABLE
MERCURY COMPOUND, LIQUID or SOLID
BERYLLIUM COMPOUND
ORGANOARSENIC COMPOUND
NITRILES, TOXIC
ORGANOMETALLIC COMPOUND, TOXIC,
ISOCYANATES, TOXIC
METAL CARBONYLS
TELLURIUM COMPOUND
ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE
CYANIDES, INORGANIC. SOLID or SOLUTIONS
ALKALOIDS, SOLID, LIQUID and SALTS
CADMIUM COMPOUND
SELENIUM COMPOUND
VANADIUM COMPOUND

PESTICIDE, SOLID or LIQUID, TOXIC
TOXIC SOLID - INORGANIC or ORGANIC
TOXIC LIQUID - INORGANIC or ORGANIC
Class 6.2: Infectious substances
Regulated by the National Environmental Management: Waste Act, The Health Act and the Occupational Health and Safety Act.
CLASS 7: Radioactive substances
Regulated by the Hazardous Substances Act and the Nuclear Energy Act
CLASS 8: Corrosive substances
POLYAMINES, SOLID or LIQUID, CORROSIVE.
AMINES, SOLID or LIQUID, CORROSIVE
ALKYLPHENOLS, LIQUID
DYE, SOLID or LIQUID, CORROSIVE
DISINFECTANT, LIQUID, CORROSIVE
HYDROGENDIFLUORIDES.
CHLOROSILANES, CORROSIVE
BISULPHATES AQUEOUS SOLUTION
BISULPHITES, AQUEOUS SOLUTION
ALKYLPHENOLS, SOLID
CAUSTIC ALKALI LIQUID,
CORROSIVE LIQUID or SOLID, WATER-REACTIVE
CORROSIVE LIQUID or SOLID, BASIC, INORGANIC or ORGANIC
CORROSIVE SOLID or LIQUID, ACIDIC, INORGANIC or ORGANIC
CORROSIVE LIQUID or SOLID, OXIDIZING
CORROSIVE LIQUID or SOLID SELF-HEATING
SOLIDS CONTAINING CORROSIVE LIQUID,
CLASS 9: Miscellaneous dangerous goods and articles
AVIATION REGULATED LIQUID or SOLID
ELEVATED TEMPERATURE SOLID or LIQUID at or above 100C
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID or SOLID

*For a detailed description, see the South African National Standards - SANS 10228:2003 and SANS 10234:2007 Globally Harmonized System of classification and labelling of chemicals (GHS), published by Standards South Africa as may be amended from time to time.