MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Pfizer Inc
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Emergency telephone number:
CHEMTREC (24 hours): 1-800-424-9300
Contact E-Mail: pfizer-MSDS@pfizer.com

Emergency telephone number:
ChemSafe (24 hours): +44 (0)208 762 8322

Material Name: Sodium Chloride 0.9% Irrigation

Trade Name: Not established
Chemical Family: Mixture
Intended Use: Pharmaceutical product

2. HAZARDS IDENTIFICATION

Appearance: Clear, colorless liquid

Statement of Hazard: Non-hazardous in accordance with international standards for workplace safety.

Additional Hazard Information:
Short Term: Mild eye irritant in experimental animals (based on components) .
EU Indication of danger: Not classified

Australian Hazard Classification (NOHSC): Non-Hazardous Substance. Non-Dangerous Goods.

Note: This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the active substance or its intermediates regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	EU EINECS/ELINCS List	Classification	%
SODIUM HYDROXIDE	1310-73-2	215-185-5	C;R35	**
HYDROGEN CHLORIDE ANHYDROUS	7647-01-0	231-595-7	C;R35 T;R23	**
SODIUM CHLORIDE	7647-14-5	231-598-3	Not Listed	0.9

Ingredient	CAS Number	EU EINECS/ELINCS List	Classification	%
Water for injection	7732-18-5	231-791-2	Not Listed	99.1

Additional Information: ** to adjust pH
Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

Eye Contact: Due to the nature of this material first aid is not normally required.

Skin Contact: Due to the nature of this material first aid is not normally required.

Ingestion: Due to the nature of this material first aid is not normally required.

Inhalation: Not an expected route of exposure.

5. FIRE FIGHTING MEASURES

Extinguishing Media: As for primary cause of fire.

Hazardous Combustion Products: Not applicable

Fire Fighting Procedures: Not applicable

Fire / Explosion Hazards: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Health and Safety Precautions: Not applicable

Measures for Cleaning / Collecting: Wipe up with a damp cloth and place in container for disposal.

Measures for Environmental Protections: None

Additional Consideration for Large Spills: None

7. HANDLING AND STORAGE

General Handling: No special handling requirements for normal use of this material.

Storage Conditions: Store as directed by product packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to available public information for specific member state Occupational Exposure Limits.

SODIUM HYDROXIDE
ACGIH Ceiling Threshold Limit: = 2 mg/m^3 Ceiling
Australia PEAK = 2 mg/m^3 Peak

Austria OEL - MAKs	= 2 mg/m^3 MAK
Belgium OEL - TWA	= 2 mg/m^3 TWA
Bulgaria OEL - TWA	= 2.0 mg/m^3 TWA
Czech Republic OEL - TWA	= 1 mg/m^3 TWA
Finland OEL - TWA	= 2 mg/m^3 TWA
France OEL - TWA	= 2 mg/m^3 VME
Greece OEL - TWA	= 2 mg/m^3 TWA
Hungary OEL - TWA	= 2 mg/m^3 TWA
Latvia OEL - TWA	= 0.5 mg/m^3 TWA
Poland OEL - TWA	= 0.5 mg/m^3 NDS
Slovakia OEL - TWA	= 2 mg/m^3 TWA
Slovenia OEL - TWA	= 2 mg/m^3 TWA
Sweden OEL - TWAs	= 1 mg/m^3 LLV

HYDROGEN CHLORIDE ANHYDROUS

ACGIH Ceiling Threshold Limit:	= 2 ppm Ceiling
Australia PEAK	= 5 ppm Peak = 7.5 mg/m^3 Peak
Austria OEL - MAKs	= 5 ppm MAK = 8 mg/m^3 MAK
Belgium OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Bulgaria OEL - TWA	= 8.0 mg/m^3 TWA
Cyprus OEL - TWA	= 5.0 ppm TWA = 8.0 mg/m^3 TWA
Czech Republic OEL - TWA	= 8 mg/m^3 TWA
Estonia OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Germany - TRGS 900 - TWAs	= 2 ppm TWA = 3 mg/m^3 TWA
Greece OEL - TWA	= 5 ppm TWA = 7 mg/m^3 TWA
Hungary OEL - TWA	= 8 mg/m^3 TWA
Ireland OEL - TWAs	= 5 ppm TWA = 7 mg/m^3 TWA
Italy OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Latvia OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Lithuania OEL - TWA	= 5 ppm IPRV = 8 mg/m^3 IPRV
Luxembourg OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Malta OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Netherlands OEL - TWA	= 5 ppm MAC = 8 mg/m^3 MAC
Poland OEL - TWA	= 5 mg/m^3 NDS
Romania OEL - TWA	= 5 ppm TWA = 8 mg/m^3 TWA
Slovakia OEL - TWA	= 5 ppm TWA = 8.0 mg/m^3 TWA
Slovenia OEL - TWA	= 5 ppm TWA anhydrous = 8 mg/m^3 TWA anhydrous

Spain OEL - TWA	= 5 ppm VLA-ED = 7.6 mg/m^3 VLA-ED

SODIUM CHLORIDE

Latvia OEL - TWA	= 5 mg/m^3 TWA
Lithuania OEL - TWA	= 5 mg/m^3 IPRV

Engineering Controls: Engineering controls should be used as the primary means to control exposures.

Personal Protective Equipment:

Hands:	Not required for the normal use of this product.
Eyes:	Not required under normal conditions of use.
Skin:	Not required for the normal use of this product.
Respiratory protection:	None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Liquid	**Color:**	Colorless
Odor:	None	**Molecular Formula:**	Mixture
Molecular Weight:	Mixture		

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None
Incompatible Materials:	None

11. TOXICOLOGICAL INFORMATION

General Information: The information included in this section describes the potential hazards of the individual ingredients.

Acute Toxicity: (Species, Route, End Point, Dose)

SODIUM CHLORIDE

Rat Inhalation LC50/1hr > 42 g/m^3
Rat Oral LD 50 3 g/kg
Mouse Oral LD 50 4 g/kg
Rabbit Dermal LD 50 > 10 g/kg

Acute Toxicity Comments: A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

Irritation / Sensitization: (Study Type, Species, Severity)

SODIUM CHLORIDE

Skin Irritation Rabbit Mild
Eye Irritation Rabbit Mild

Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

HYDROGEN CHLORIDE ANHYDROUS
IARC: Group 3

12. ECOLOGICAL INFORMATION

Environmental Overview: No harmful effects to aquatic organisms are expected.

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered.

14. TRANSPORT INFORMATION

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

15. REGULATORY INFORMATION

EU Indication of danger: Not classified

OSHA Label:
Non-hazardous in accordance with international standards for workplace safety.

Canada - WHMIS: Classifications

WHMIS hazard class:
None required
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Water for injection

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present

REACH - Annex IV - Exemptions from the obligations of Register:	Present
EU EINECS/ELINCS List	231-791-2

SODIUM HYDROXIDE

CERCLA/SARA Hazardous Substances and their Reportable Quantities:	= 1000 lb final RQ = 454 kg final RQ
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
Standard for the Uniform Scheduling for Drugs and Poisons:	Schedule 5 Schedule 6
EU EINECS/ELINCS List	215-185-5

HYDROGEN CHLORIDE ANHYDROUS

CERCLA/SARA 313 Emission reporting	= 1.0 % de minimis concentration acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size
CERCLA/SARA Hazardous Substances and their Reportable Quantities:	= 2270 kg final RQ = 5000 lb final RQ
CERCLA/SARA - Section 302 Extremely Hazardous TPQs	= 500 lb TPQ gas only
CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs	= 5000 lb EPCRA RQ gas only
Inventory - United States TSCA - Sect. 8(b)	T
Australia (AICS):	Present
Standard for the Uniform Scheduling for Drugs and Poisons:	Schedule 5 Schedule 6
EU EINECS/ELINCS List	231-595-7

SODIUM CHLORIDE

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	231-598-3

16. OTHER INFORMATION

Data Sources: Publicly available toxicity information.

Reasons for Revision: New data sheet.

Prepared by: Toxicology and Hazard Communication
Pfizer Global Environment, Health, and Safety

Pfizer Inc believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet