



MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF PRODUCT AND COMPANY

Pfizer Inc
Pfizer Animal Health
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Trade names **Dormosedan®**
Product name **Dormosedan®**
Synonyms Domosedan
Therapeutic use Veterinary sedative
Description White, crystalline powder

SECTION 2 - COMPOSITION

<u>Ingredient</u>	<u>CAS Number</u>	<u>Amount</u>
Detomidine Hydrochloride*	90038-01-0	55%
Sodium Chloride*	7647-14-5	33%
Methylparaben	99-76-3	6.0%
Water	7732-18-5	~6.0%

*Hazardous

Note: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

SECTION 3 - HAZARDS IDENTIFICATION

Signal word **WARNING!**

Statements of hazard **MAY CAUSE ALLERGIC SKIN REACTION.**
MAY CAUSE EYE AND SKIN IRRITATION.

Eye effects May cause eye irritation.

Skin effects May cause skin irritation. May cause allergic skin reaction.

Inhalation effects An Occupational Exposure Limit has been established for one or more of the ingredients (see Section 8). See 'Other potential health effects', below.

Ingestion effects See 'Other potential health effects', below.

Other potential health effects Dormosedan is a sedative used in animals. Effects of ingestion or inhalation may be similar to those observed in animals, including drowsiness and loss of consciousness.

SECTION 4 - FIRST AID MEASURES

Skin	IN CASE OF ACCIDENTAL INNOCULATION, CONSULT THE EMERGENCY CONTACT LISTED IN SECTION 1. In case of direct skin contact, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical assistance.
Eyes	Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.
Inhalation	Remove to fresh air. If discomfort persists, get medical attention.
Ingestion	In the event of swallowing this material, seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

General hazard	This material is not expected to support combustion. Toxic or corrosive gases are expected during a fire or heating of this material.
Fire fighting instructions	Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Move containers from fire area if possible without increased personal risk. Dike area if possible to contain water for later disposal.
Extinguishing media	Use carbon dioxide, dry chemical, or water spray.
Flash point	No data available
Hazardous combustion products	Toxic or corrosive gases including oxides of carbon and nitrogen together with chlorine and hydrogen chloride are expected in fires involving this material.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General	Review Sections 3, 8 and 12 before proceeding with clean up.
Small spill	Sweep spilled material into an approved container for disposal keeping dust generation to a minimum. Clean spill area thoroughly. Prevent discharge to drains.
Large spill	Contain the source of the spill or leak if it is safe to do so. Sweep spilled material into an approved container for disposal keeping dust generation to a minimum. Clean spill area thoroughly. Prevent discharge to drains.

SECTION 7 - HANDLING AND STORAGE

General handling	Avoid contact with eyes, skin and clothing. Avoid breathing dust.
Storage conditions	Avoid prolonged storage at elevated temperatures (greater than room temperature, approximately 20 degrees C). Keep in tightly sealed containers in a well-ventilated area and in the absence of light.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure information	The exposure limit(s) listed for solid components are only relevant if dust may be generated.
Ventilation	Good general ventilation should be sufficient to control airborne levels.
Respiratory protection	Respirators are not required for normal use of this material.
Eye protection	Wear safety glasses or goggles if eye contact is possible.
Skin protection	Wear protective clothing with long sleeves to avoid skin contact. Wash hands and arms thoroughly after handling this mixture.
Hand protection	Wear impervious gloves if skin contact is possible.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Crystalline powder
Color	White
Molecular weight	Mixture
Molecular formula	Mixture
pH	No data available
Boiling point	Not applicable
Melting point	No data available
Density	No data available
Vapor pressure	No data available
Water solubility	Components are soluble in water
Solvent solubility	No data available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Stable
Conditions to avoid	None for the normal use of this material
Incompatibilities	None known
Hazardous decomposition products	None expected under normal conditions.
Hazardous polymerization	Not expected to occur

SECTION 11 - TOXICOLOGY INFORMATION

Acute toxicity

<u>Compound</u>	<u>Type</u>	<u>Route</u>	<u>Species</u>	<u>Dosage</u>
Detomidine Hydrochloride	LD ₅₀	Oral	Rat	60 mg/kg
Methylparaben	LD ₅₀	Oral	Mouse	>8000 mg/kg
	LD ₅₀	Oral	Rat	2280 mg/kg

Eye Not determined for this mixture. Irritation may occur based on components.

Skin Not determined for this mixture. Irritation may occur based on components.

Inhalation Not determined for this mixture. However, irritation may occur based on effects of individual components.

Ingestion Not determined for this mixture. The estimated oral LD₅₀ is less than 2000 mg/kg in rats based on toxicity of detomidine hydrochloride and concentration present.

Mutagenicity Not determined for this mixture. However, based on the effects of individual components this mixture is not expected to be mutagenic.

Subchronic effects Not determined for this mixture.

**Chronic effects/
carcinogenicity** Not determined for this mixture.

Carcinogen status None of the components of this formulation is listed as a carcinogen by IARC, NTP or OSHA.

**At increased risk from
exposure** None known.

Additional information The active ingredient in this product produces sedation and analgesia.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental overview The environmental characteristics of this mixture have not been fully evaluated. Releases to the environment should be avoided.

SECTION 13 - DISPOSAL INFORMATION

Disposal procedure Collect for recycling or recovery, if possible. Dispose of material on site in a licensed chemical incinerator, if allowed by the incinerator license or permit. If no on-site incinerator is available, dispose of material in a licensed commercial chemical incinerator.

SECTION 14 - TRANSPORTATION INFORMATION

**General shipping
instructions** Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

SECTION 15 - REGULATORY INFORMATION

EU Classification Harmful

EU Labelling Xn

EU Label Pictogram(s)



Canadian WHMIS

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.

SECTION 16 - OTHER

Disclaimer

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 a warranty of any kind, expressed or implied.