


MATERIALS SAFETY DATA SHEET		CORGIN MNS
#	Date of preparation:	13th April 2015
01	IDENTIFICATION OF THE SUBSTANCE & COMPANY 	<ul style="list-style-type: none"> • Product name: Corgin MNS • Description: Nutrients and trace elements. • Supplier: Corgin Ltd, Bellasis Street, Stafford, Staffordshire, ST16 3DD • Emergency telephone: 01785 229 300 • Application: Wastewater treatment, sewer lines, bio-remediation
02	COMPOSITION / INFORMATION ON INGREDIENTS	<ul style="list-style-type: none"> • Ingredients: Proprietary mixture of selected nutrients in buffered suspension. • CAS: Not available • LD50: Oral < 5000 mg / kg
03	HAZARDS IDENTIFICATION	None
04	FIRST AID 	<ul style="list-style-type: none"> • Eye contact: Flush with cold water, holding eyelids open. All eye injuries from chemicals should be seen by a doctor. • Skin contact: Wash affected parts of the skin with soap and plenty of water. • Ingestion: Do not induce vomiting. If vomiting occurs, remove to avoid inadvertent inhalation, which may damage the lungs. If more than trace quantities have been swallowed and the patient is conscious give plenty of water to drink. Seek medical advice promptly. • Inhalation: If fumes inhaled, remove and rest the patient in fresh air, and keep warm. Administer oxygen if necessary. Seek medical advice. Rest and observation for 48 hours after any gassing case. • Other first aid information: None known
05	FIRE FIGHTING MEASURES 	<ul style="list-style-type: none"> • Flammability: Non-flammable • Flashpoint: N/A • Upper explosion limit: N/A • Hazardous combustion products: None • Special firefighting procedures: Toxic oxides may be released when involved in a fire. Self-contained breathing apparatus should be worn.
06	ACCIDENTAL RELEASE MEASURES	<ul style="list-style-type: none"> • Personal precautions: Avoid eye contact • Environmental precautions: None established • Clean-up procedures: Dyke to control, recover with pumps and store in sealed container awaiting disposal.
07	HANDLING AND STORAGE	<ul style="list-style-type: none"> • Storage: Store in a cool, dry, dark place, away from power tools and welding. Do not freeze.

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		<ul style="list-style-type: none"> • Packaging materials: Original packaging only • Incompatibilities: None known • Other information: Shelf-life of 1 year
08	EXPOSURE CONTROLS/ PROTECTIVE EQUIPMENT	<ul style="list-style-type: none"> • Exposure controls: Refer to section 4. • Exposure controls for hazardous components: N/A • Personal protective equipment <ul style="list-style-type: none"> • Respiratory: Not necessary. • Hands: Gloves are recommended. • Eyes: Goggles should be worn when handling the concentrate product. • Skin: Protect skin when handling the concentrated product. • Industrial hygiene: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Wash work wear regularly.
09	PHYSICAL / CHEMICAL PROPERTIES	<ul style="list-style-type: none"> • Appearance <ul style="list-style-type: none"> • Physical state: Liquid suspension • Colour: Dark green • Odour: Natural, humus-like • Clarity: Opaque to clear • Safety related information <ul style="list-style-type: none"> • Specific gravity: 1.15 • pH: 2.4 – 3.0 • Percent volatile: Not determined • Viscosity: Water thin • Solubility in water: Complete • Boiling point (°C): approx. 105°C • Melting point/ melting range: N/A • Flammability (solid/ gas): N/A • Autoflammability: Not determined • Explosive properties: Not determined • Oxidizing properties: Not determined • Vapour pressure: As water • Solubility in fat: Not determined • Oil/water partition coefficient: Not determined • Vapour density (air = 1): As water • Evaporation rate (ethyl ether = 1): Not determined • Molecular weight: Not determined

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10	STABILITY/ REACTIVITY	<ul style="list-style-type: none"> • Conditions of chemical instability: Product can be stored for 1 year. • Incompatible materials: Strong oxidizing agents, chlorine, bleach, acids and combustible materials • Conditions for reactivity: None reported • Hazardous decomposition products: None anticipated
11	TOXICOLOGICAL INFORMATION	<ul style="list-style-type: none"> • Possible health effects <ul style="list-style-type: none"> • Skin: (3) Little to no effect. • Eyes: (3) May irritate. Should not cause permanent injury. • Inhalation: (3) Little to no effect. • Ingestion (3): Little to no effect • LC₅₀: Not determined • LD₅₀: < 5000 mg / kg
12	ECOLOGICAL INFORMATION	<ul style="list-style-type: none"> • Elimination (3) <ul style="list-style-type: none"> • Persistence: Not known • Degradability: Material is utilized by plants and bacterial cells. • Behaviour in the aquatic compartment (3) <ul style="list-style-type: none"> • Mobility: Not known • Bioaccumulation: Cannot accumulate in living tissue • Ecotoxicity(3) <ul style="list-style-type: none"> • Aquatic: Ecotoxic effects not known. • Terrestrial: Not known
13	DISPOSAL CONSIDERATIONS	<ul style="list-style-type: none"> • Product disposal: Dispose to licensed landfill or wastewater treatment plant. • Packaging disposal: Packaging should be disposed of in accordance with regional and/ or national regulations.
14	TRANSPORT CONSIDERATIONS	<ul style="list-style-type: none"> • Road & Rail transport (ADR/RID): No special packaging or labelling requirements. • Sea transport (IMO): No special packaging or labelling requirements. • Air transport (ICAO): No special packaging or labelling requirements
15	REGULATORY INFORMATION	<ul style="list-style-type: none"> • EEC supply classification & labelling • No special packaging or labelling requirements
16	OTHER INFORMATION	It is the responsibility of persons in receipt of this material safety data sheet to ensure that the information contained herein is properly read and

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		<p>understood by all people who may use, handle, dispose of or, in any way, come in contact with the product. All information and instructions provided in this material safety data sheet are based on the current state of scientific and technical knowledge as at the date indicated. Corgin shall not be held responsible for any defect in the product covered by this material safety data sheet, should the existence of such defect not be detectable considering the current state of knowledge. No warranty is implied with respect to the quality of the specification of the product, and the user must satisfy himself that the product is suitable for his purpose.</p> <ol style="list-style-type: none"> 1. Based on product test data 2. Based on assessments from related products 3. This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of their sources.