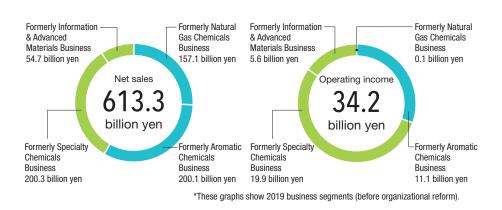
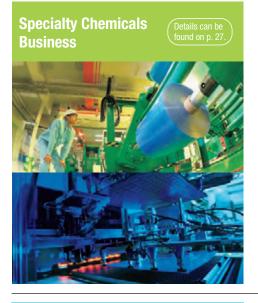
# MGC Group at a Glance (As of End of March, 2020)

The Group conducts wide-ranging businesses that handle diverse chemical products, material products, functional products, and other products through a global integrated system covering all aspects from materials development to production and sales.

## Business Development and Main Products

Through its two principal business sectors, the Basic Chemicals Business Sector and the Specialty Chemicals Business Sector, Mitsubishi Gas Chemical offers a range of exceptionally creative products including basic chemicals, fine chemicals, and functional materials.





Using our refined technical capabilities and achievements to develop advanced products meeting market needs

## **Inorganic Chemicals**

We conduct business with an emphasis on hydrogen peroxide, which is used as a non-chlorine bleach and industrial oxidant, and high-purity electronics industry cleaning agents used primarily in the semiconductor field.

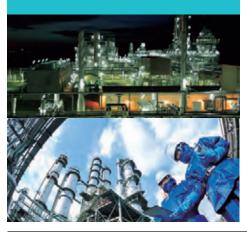
Hydrogen peroxide
Electronic chemicals

### **Engineering Plastics**

We provide polycarbonate, polyacetal, polyamide MXD6 molding compound, and other engineering plastics.

- Polycarbonate (lupilon<sup>™</sup>)/Polycarbonate sheet, Polycarbonate film
- Polyacetal (lupital<sup>™</sup>)

## Basic Chemicals Business



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Using our unique catalyst and production technologies to provide a stable supply of essential products for society

#### Methanol

We are actively developing overseas methanol joint ventures and sales businesses by making use of our extraction technologies for natural gas, which is used as a raw material, and our accumulated manufacturing technologies.

Methanol

#### **Organic Chemicals**

We are expanding the chemical chains for methanol and ammonia in a wide range of fields from base chemical raw materials to functional materials.

Ammonia

Amine



#### **Optical Materials**

We supply products with excellent optical properties such as optical resin polymers and ultra high refractive index plastic lens monomers.

- Optical resin polymer (lupizeta<sup>™</sup>)
- Monomers for ultra high refractive index lenses (IURESIN<sup>™</sup>)

#### **Electronics Materials**

We provide products essential in the electronics industry including semiconductor package substrate materials and auxiliary materials used for small diameter hole processing.

- BT materials for semiconductor packaging
- Auxiliary material for drilling (LE SHEET™)

#### **Oxygen Absorbers**

We offer total solutions for quality maintenance in a wide range of fields with a focus on oxygen absorbers.

- Oxygen absorbers for food (AGELESS<sup>™</sup>)
- Oxygen absorbers for medical use (PharmaKeep<sup>™</sup>)

#### **Energy & Resources**

We develop resources including oil and natural gas exploration.

Geothermal power/Natural gas

### Life Science

We use technologies accumulated over many years to develop and manufacture health food ingredients.

Health food ingredients/Antibody drugs

#### **Aromatic Chemicals**

Based on technologies using superacid HF-BF<sub>3</sub>, we conduct business centered on meta-xylene chain and aromatic aldehydes.

- Meta-xylenediamine/MX-Nylon
- Meta-xylene/Purified isophthalic acid
- Aromatic aldehydes
- Foamed plastic

## Research and Development



Details can be

We provide solutions that make maximum use of synergies among our businesses and products.

- Medical packaging materials—OXYCAPT<sup>™</sup>
- Solid electrolytes
- Factory-produced vegetables
- Active optical cable—TeraWire<sup>™</sup>