



FACTS & INFORMATION: SULPHUR



WHAT IS IT?

- Sulphur is an abundant, naturally occurring chemical element that is found within the earth's crust.
- Processed sulphur is well-recognized for its bright yellow color when in solid form. Pure molten sulphur is amber in color.
- This natural resource is odourless in its elemental form.
- Sulphur is insoluble in water.

WHERE DOES IT COME FROM?

- Sulphur is found primarily where crude oil and natural gas resources are present.
- Most of Canada's current supply of sulphur comes from natural gas processing in the Foothills region of Alberta as well as Northeast British Columbia.
- Alberta's oil sands region is expected to become the largest sulphur producing region in Canada within the next five to ten years.
- Canada is one of the largest producers of sulphur in the world.
- Canada is a leading exporter of sulphur and transports the resource to approximately 20 countries, including China, United States, Brazil and Australia.

HOW IS IT PRODUCED?

- Most sulphur is recovered as a by-product from crude oil and natural gas processing.
- The recovered sulphur is in molten liquid form.
- Molten liquid sulphur is transported by tanker truck or rail car to markets within Canada or the United States.
- Molten liquid sulphur can be formed into pellets and transported by truck or rail car to Vancouver, British Columbia for offshore export.

WHAT IS IT USED FOR?

- Sulphur is used for a variety of purposes and is a vital nutrient for crops, animals and people.
- Sulphur is a valuable commodity and an integral component of the world economy. It is used to manufacture numerous products including fertilizers for the production of food.
- Sulphur is also used for a variety of other products including:
 - Pharmaceuticals
 - Agricultural pesticides
 - Personal care products
 - Rubber products such as tires
 - Cosmetics
 - Water treatment... and many others

IS IT SAFE FOR HUMANS?

- In its elemental form, sulphur is safe. In fact, sulphur is an essential element of all life and we consume it on a daily basis.
- Sulphur plays a significant role in keeping our hair, skin, and fingernails strong and healthy.
- The average person consumes about 200 milligrams of sulphur everyday usually through protein.

You can learn more about sulphur by logging on to the H.J. Baker website at www.hjbaker.com.

H.J. Baker with ICEC are the largest independent marketer of sulphur in the world. The company owns and operates a wide array of sulphur-related assets. H.J. Baker has world class expertise in all aspects of the business and has been awarded the Gold Safe Handling Award by the Canadian National Railway for the past 12 years.

