

# GLOBAL HARMONISED SYSTEM (GHS)

AN INTERNATIONAL SYSTEM FOR HAZARD  
CLASSIFICATION AND COMMUNICATION



IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.



# WHAT IS GHS?

GHS IS SUPPORTING THE PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT BY PROVIDING AN INTERNATIONALLY COMPREHENSIBLE SYSTEM FOR HAZARD COMMUNICATION.

COUNTRIES WITHIN THE UNITED NATIONS HAVE WORKED ALONGSIDE INDUSTRY REPRESENTATIVES AND KEY STAKEHOLDERS TO DETERMINE A CLASSIFICATION AND LABELLING SYSTEM TO BE USED WORLDWIDE, KNOWN AS THE 'GLOBAL HARMONISED SYSTEM' (GHS).



## THE MAIN OBJECTIVES OF GHS ARE TO:

- Have a unified standard for the classification and communication of hazardous chemicals to facilitate international trade in chemicals and enhance the protection of human health and the environment
- Inform users about these hazards through standard symbols and phrases on the packaging labels and through Safety Data Sheets (SDS).

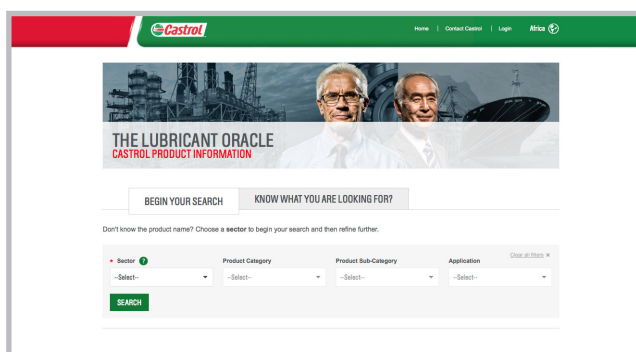
New legislation is being introduced to implement GHS across Europe<sup>1</sup>, United States<sup>2</sup> and Brazil<sup>3</sup>. You can discover more about GHS from the UN Economic Commission at [unece.org](http://unece.org).

## WHAT THIS MEANS FOR YOU

- You will see changes to our labels and SDS to communicate hazardous chemicals to those handling Castrol products
- Labels and SDS will feature new pictograms, hazard determination and safety information
- The introduction of the changes is being phased over time, not all labels and SDS will reflect the changes simultaneously

## THE LUBRICANT ORACLE

- 24/7 ACCESS
- CASTROL PRODUCT INFORMATION
- SAFETY DATSHEETS



# SAFETY IS AT THE HEART OF EVERYTHING CASTROL DOES

WE AIM TO DEVELOP AND DELIVER PRODUCTS TO THE HIGHEST STANDARDS OF QUALITY AND SAFETY. ALTHOUGH THE RULES REQUIRE CHANGES IN EUROPE, US AND BRAZIL, WE'RE APPLYING THE CHANGES GLOBALLY ON A ROLLING BASIS, AS WE WANT TO MAKE SURE OUR CUSTOMERS CAN OPERATE IN LINE WITH THE LATEST SAFETY & COMPLIANCE STANDARDS.

## THE NEW HAZARD LABELS

SYMBOLS USED UNDER CURRENT LEGISLATION WILL BE SUPERSEDED BY A SERIES OF NINE GHS PICTOGRAMS WITHIN A RED DIAMOND

Here are some examples of the pictograms along with an indication of their meaning.



SERIOUS HEALTH HAZARD  
SYMBOL: HEALTH HAZARD



EXPLOSIVE  
SYMBOL: EXPLODING BOMB



HAZARDOUS TO THE ENVIRONMENT  
SYMBOL: ENVIRONMENT



CORROSIVE  
SYMBOL: CORROSION



FLAMMABLE  
SYMBOL: FLAME



OXIDISING  
SYMBOL: FLAME OVER CIRCLE



HEALTH HAZARD  
SYMBOL: EXCLAMATION MARK



GAS UNDER PRESSURE  
SYMBOL: GAS CYLINDER



ACUTE TOXICITY  
SYMBOL: SKULL & CROSSBONES



Castrol UK Ltd  
Technology Centre  
Pangbourne  
Whitchurch Hill  
Reading RG8 7QR  
UK  
Tel +44 (0)8459 645 111

[www.castrol.com/globalbusiness](http://www.castrol.com/globalbusiness)  
[www.thelubricantoracle.castrol.com](http://www.thelubricantoracle.castrol.com)

IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.

